DOCUMENT RESUME

ED 439 927 SE 063 353

AUTHOR Hill, Susan T.
TITLE Science and Engineering Degrees: 1966-97. Detailed Statistical Tables.
INSTITUTION National Science Foundation, Arlington, VA. Div. of Science Resources Studies.
REPORT NO NSF-00-310
PUB DATE 2000-02-00
NOTE 92p.
AVAILABLE FROM National Science Foundation, Div. of Science Resources Studies, 4201 Wilson Blvd., Arlington, VA 22230. Tel: 301-947-2722. For full text: http://www.nsf.gov/sbe/srs/stats.htm.
PUB TYPE Numerical/Quantitative Data (110)
EDRS PRICE MF01/PC04 Plus Postage.
DESCRIPTORS *Degrees (Academic); Doctoral Degrees; *Engineering Education; Higher Education; Masters Degrees; *Science Education; *Statistical Data; *Statistical Surveys; Tables (Data)

ABSTRACT

This publication provides detailed statistical data on degrees in science and engineering fields for 1966-67. Bachelor's and master's degree data were obtained from the universe institution surveys of the National Center for Education Statistics (NCES), U.S. Department of Education. Data on doctorates are from the Survey of Earned Doctorates, a universe survey of individual doctorate recipients sponsored by the National Science Foundation (NSF) and four other federal agencies. The estimates of population in the various age categories are based on data that was collected and published by the Bureau of the Census, U.S. Department of Commerce. Sections include: (1) "Technical Notes"; (2) "Detailed Statistical Tables"; (3) "Classification of Programs"; and (4) "Getting Information on the World Wide Web". (CCM)

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Science and Engineering Degrees

1966 - 97

Detailed Statistical Tables

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Division of Science Resources Studies
Directorate for Social, Behavioral, and Economic Sciences
National Science Foundation
February 2000

Science and Engineering Degrees

1966–97

Detailed Statistical Tables

Susan T. Hill, Author

Division of Science Resources Studies
Directorate for Social, Behavioral, and Economic Sciences

National Science Foundation

February 2000

National Science Foundation
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National Science Foundation, Division of Science Resources Studies, *Science and Engineering Degrees: 1966-97*. NSF 00-310, Author, Susan T. Hill (Arlington, VA 2000).

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ACKNOWLEDGMENTS

The development of *Science and Engineering Degrees: 1966–97* was managed by Susan T. Hill, Director, Doctorate Data Project, National Science Foundation (NSF), Division of Science Resources Studies (SRS), Human Resources Statistics Program (HRS), under the overall direction of Mary J. Golladay, Program Director, NSF, SRS, HRS. Anne Houghton, Julia Harriston, and Tanya Gore provided copyediting, processing, and final composition for this report. Quantum Research Corp. (QRC) of Bethesda, MD, prepared the tables, charts, and report copy. QRC staff members who worked on this project were Teresa L. Grimes, Elizabeth H. Peto, Atessa Shahmirzadi, and Joe Singh.

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General Notes

This publication is based on data obtained from two surveys. The bachelor's and master's degree data were obtained from universe institution surveys of the National Center for Education Statistics (NCES), U.S. Department of Education. Data on doctorates are from the Survey of Earned Doctorates, a universe survey of individual doctorate recipients; it is sponsored by the National Science Foundation (NSF) and four other Federal agencies. Estimates of population in the various age categories are based on data that were collected and published by the Bureau of the Census, U.S. Department of Commerce.

These data cover earned degrees conferred in the aggregate United States, which comprises the 50 States, the District of Columbia, and the U.S. Territories and Outlying Areas (American Samoa, the former Canal Zone, the Northern Mariana Islands, Puerto Rico, Guam, the Virgin Islands, and the Trust Territory of the Pacific Islands). Degree data are compiled for a 12-month period, July through June of the following year. For convenience, degrees in a given July-through-June period are referred to by the year in which the period ended; e.g., 1997 means the 12-month period ending June 1997.

It is difficult to establish a completely consistent series of degree data over a long period of time because of changes in definitions, instructions, and field classifications, including the introduction of new specialties. The data for earlier years are presented as consistently as possible with the classifications used in the current Classification of Instructional Programs (Washington, DC, Superintendent of Documents, U.S. Government Printing Office). See the Technical Notes for further information on the field classifications used.

The publication focuses on degrees in science and engineering fields, and, where appropriate, the data are reclassified according to NSF field categories. It should be noted that data on engineering technology degrees and degrees in the health/medical sciences are not included in the science and engineering totals here. The time series for this report begins in 1966.

For more information, please contact the NSF author—

Susan T. Hill
Division of Science Resources Studies
National Science Foundation
4201 Wilson Boulevard, Suite 965
Arlington, VA 22230

Telephone: (703) 306-1774, ext. 6915
Internet: sthill@nsf.gov

Section A.

Technical Notes

This report is based on final data from two Federal surveys. The first is the U.S. Department of Education, National Center for Education Statistics' (NCES) Integrated Postsecondary Education Data System (IPEDS) Completions Survey. (This was previously called the Survey of Degrees and Other Formal Awards under the Higher Education General Information Survey (HEGIS).) The second is the annual Survey of Earned Doctorates, a joint effort of the National Science Foundation (NSF) and four other Federal agencies. In addition, population data on various age groups for tables 56–58 were obtained from the Current Population Survey conducted by the Census Bureau. Each source is described in more detail in the following sections.

Data from the Completions Survey were used to report the number of bachelor's and master's degrees. The data on doctoral degrees in this report were derived from the Survey of Earned Doctorates, which surveyed all individuals earning research doctorates, rather than from the Completions Survey, which surveyed the institutions awarding the doctorates. The Survey of Earned Doctorate data were preferred because the data provided by individuals are more specific with respect to the field of specialization and are less prone to errors in data reporting and data entry than are the data provided in aggregates by institutions. Furthermore, doctorate data provide 100 percent coverage for data by field and sex of individual recipients, whereas institutional data are subject to imputation for nonresponse. For a comparison of reporting on doctoral degrees in the Completions Survey and the Survey of Earned Doctorates, see National Science Foundation, *Science and Engineering Doctorates: 1960–91*, NSF 93-301, Detailed Statistical Tables (Washington, DC, 1993).

Bachelor's and Master's Degree Data

In the Completions Survey, data are collected on all degrees conferred between July 1 and June 30 from the universe of accredited institutions of higher education in the 50 States, the District of Columbia, and the U.S. Territories and Outlying Areas. The survey forms are filled out by institution administrative personnel. The data are collected according to sex of recipient and field of study. In 1997, the final universe of institutions granting bachelor's or higher level degrees was 2,342. Each year between 1966 and 1997, institutional responses to these surveys exceeded 85 percent. Imputations for nonresponse were based on the previous year's response for an institution, if available. For bachelor's degree data, 0.7 percent were imputed and for master's degree data, 1.7 percent were imputed in 1997.

Because the data in this report include those for institutions in the U.S. territories, they may differ from numbers published by NCES that relate only to the 50 States and the District of Columbia and NCES field groupings. Data on degrees by field of study were collected according to the *Classification of Instructional Programs*, developed by NCES. Four field classification systems were used during the 1966–1997 period. (See "Current Classification Schemes.")

Doctoral Degree Data

In the Survey of Earned Doctorates, information is collected during the period of July 1 of one year to June 30 of the next from all persons who have fulfilled the requirements for a *research* doctorate. The survey is funded by and conducted for NSF and four other agencies: the U.S. Department of Education, the National Institutes of Health, the National Endowment for the Humanities, and the U.S. Department of Agriculture. The survey forms are sent to all accredited doctorate-granting institutions for distribution by the graduate deans to all research doctorate recipients as they complete degree requirements. Information collected in the survey comprises demographic data, such as the student's sex, citizenship, and racial/ethnic group; education history, including field of degrees; sources of graduate student support; employment status during the year preceding receipt of the doctorate; postgraduation plans; and background on parents' education. Approximately 92 to 95 percent of the doctorate recipients complete and return the survey forms. For nonrespondents, commencement programs constituted a source of skeletal information on key variables that was added to the file. These variables were sex, field of study, institution, year of doctorate, and educational background. Consequently, for the variables used in this report, there is complete coverage. Data are updated annually from completed survey forms submitted belatedly by previous nonrespondents; therefore, data on doctorates in previous years are subject to revision and may differ very slightly from reports published earlier.

Population Data

Published reports of the Bureau of the Census, U.S. Department of Commerce, provided estimates of population in the various age classifications, based on sample household surveys. All documents used were from

Current Population Reports estimates for the total population as of July 1 of each year. Data for years 1970–1979 were obtained from *Current Population Survey*, "Preliminary Estimates of the Population of the United States, by Age, Sex, and Race: 1970 to 1981," No. 917, 1982. Data for 1980–89 were obtained from "United States Population Estimates by Age, Sex, Race, and Hispanic Origin: 1980 to 1991," Series P-25, No. 1095. Data for 1990–1997 are from "United States Population Estimates by Age, Sex, Race, and Hispanic Origin: 1990 to 1998," No. PPL-91.

Field Classification Schemes

It is difficult to establish a completely consistent series of degree data over a long period of time, given changes in field classifications and evolving fields of study. Data for the earlier years are presented as consistently as possible with the current classification schemes of fields of study, which show the Completions Survey and the Survey of Earned Doctorates field codes used in this report (beginning in section C—page 79).

Note that the data in this report are grouped into the science and engineering categories used by NSF. It should be noted that data on engineering technology degrees and degrees in health/medical fields are not included in the science and engineering totals here. Therefore, data in this report may differ from those in reports published by the U.S. Department of Education.

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Table 1. Degrees awarded in all fields and in science and engineering, by degree level: 1966-97

Academic year ending	Bachelor's			Master's			Doctoral		
	Total	Science & engineering degrees	Percent science & engineering	Total	Science & engineering degrees	Percent science & engineering	Total	Science & engineering degrees	Percent science & engineering
1966	524,008	184,313	35.2	140,772	41,049	29.2	17,949	11,570	64.5
1967	562,369	199,832	35.5	157,892	44,988	28.5	20,403	13,109	64.3
1968	636,863	226,597	35.6	177,150	48,760	27.5	22,937	14,645	63.8
1969	734,003	262,189	35.7	194,414	52,382	26.9	25,743	16,288	63.3
1970	798,070	284,230	35.6	209,387	53,695	25.6	29,498	18,052	61.2
1971	846,110	294,357	34.8	231,486	56,454	24.4	31,867	19,381	60.8
1972	894,110	306,459	34.3	252,774	60,049	23.8	33,041	19,342	58.5
1973	930,272	321,085	34.5	264,525	62,046	23.5	33,755	19,373	57.4
1974	954,376	326,230	34.2	278,259	62,239	22.4	33,047	18,714	56.6
1975	931,663	313,555	33.7	293,651	63,198	21.5	32,952	18,799	57.0
1976	934,443	309,491	33.1	313,001	65,007	20.8	32,946	18,472	56.1
1977	928,228	303,798	32.7	318,241	67,397	21.2	31,716	18,008	56.8
1978	930,201	303,555	32.6	312,816	67,264	21.5	30,875	17,653	57.2
1979	931,340	303,162	32.6	302,075	64,226	21.3	31,239	17,872	57.2
1980	940,251	304,695	32.4	299,095	64,089	21.4	31,020	17,775	57.3
1981	946,877	306,792	32.4	296,798	64,366	21.7	31,356	18,257	58.2
1982	964,043	315,023	32.7	296,580	66,568	22.4	31,111	18,275	58.7
1983	980,679	317,571	32.4	290,931	67,733	23.3	31,281	18,635	59.6
1984	986,345	324,284	32.9	285,462	68,582	24.0	31,337	18,748	59.8
1985	990,877	332,273	33.5	287,213	70,578	24.6	31,297	18,935	60.5
1986	1,000,204	335,405	33.5	289,829	71,840	24.8	31,902	19,437	60.9
1987	1,003,532	331,526	33.0	290,532	72,603	25.0	32,370	19,894	61.5
1988	1,006,033	322,482	32.1	300,091	73,655	24.5	33,500	20,932	62.5
1989	1,030,171	322,821	31.3	311,050	76,425	24.6	34,327	21,732	63.3
1990	1,062,151	329,094	31.0	324,947	77,788	23.9	36,067	22,868	63.4
1991	1,107,997	337,675	30.5	338,498	78,368	23.2	37,534	24,023	64.0
1992	1,.50,072	355,265	30.9	354,207	81,107	22.9	38,890	24,675	63.4
1993	1,179,278	366,035	31.0	370,973	86,425	23.3	39,801	25,443	63.9
1994	1,183,141	373,261	31.5	389,008	91,411	23.5	41,034	26,205	63.9
1995	1,174,436	378,148	32.2	399,428	94,309	23.6	41,743	26,535	63.6
1996	1,179,815	384,674	32.6	408,932	95,313	23.3	42,414	27,229	64.2
1997	1,186,589	388,482	32.7	420,954	93,485	22.2	42,555	27,180	63.9

NOTE: See section C for specific fields that are included in science and engineering.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Studies; data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey; and NSF/SRS, Survey of Earned Doctorates

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Table 2. Degrees awarded in all fields, by degree level and sex of recipient: 1966-97

Academic year ending	Bachelor's			Master's			Doctoral		
	Men	Women	Percent women	Men	Women	Percent women	Men	Women	Percent women
1966	301,037	222,971	42.6	93,184	47,588	33.8	15,863	2,086	11.6
1967	324,236	238,133	42.3	103,179	54,713	34.7	17,961	2,442	12.0
1968	359,747	277,116	43.5	113,749	63,401	35.8	20,005	2,932	12.8
1969	412,865	321,138	43.8	121,881	72,533	37.3	22,355	3,388	13.2
1970	453,605	344,465	43.2	126,146	83,241	39.8	25,527	3,971	13.5
1971	478,423	367,687	43.5	138,590	92,896	40.1	27,271	4,596	14.4
1972	503,631	390,479	43.7	150,085	102,689	40.6	27,754	5,287	16.0
1973	521,534	408,738	43.9	155,000	109,525	41.4	27,670	6,085	18.0
1974	530,907	423,469	44.4	158,344	119,915	43.1	26,594	6,453	19.5
1975	508,424	423,239	45.4	162,115	131,536	44.8	25,751	7,201	21.9
1976	508,549	425,894	45.6	167,745	145,256	46.4	25,262	7,684	23.3
1977	499,121	429,107	46.2	168,210	150,031	47.1	23,858	7,858	24.8
1978	491,066	439,135	47.2	161,708	151,108	48.3	22,553	8,322	27.0
1979	481,394	449,946	48.3	153,772	148,303	49.1	22,302	8,937	28.6
1980	477,750	462,501	49.2	151,159	147,936	49.5	21,612	9,408	30.3
1981	474,336	472,541	49.9	147,431	149,367	50.3	21,464	9,892	31.5
1982	477,543	486,500	50.5	145,941	150,639	50.8	21,018	10,093	32.4
1983	483,395	497,284	50.7	145,114	145,817	50.1	20,748	10,533	33.7
1984	486,750	499,595	50.7	143,998	141,464	49.6	20,638	10,699	34.1
1985	486,660	504,217	50.9	143,716	143,497	50.0	20,553	10,744	34.3
1986	490,143	510,061	51.0	143,932	145,897	50.3	20,595	11,307	35.4
1987	485,003	518,529	51.7	141,655	148,877	51.2	20,938	11,432	35.3
1988	481,236	524,797	52.2	145,403	154,688	51.5	21,681	11,819	35.3
1989	487,566	542,605	52.7	149,399	161,651	52.0	21,814	12,513	36.5
1990	495,867	566,284	53.3	154,025	170,922	52.6	22,961	13,106	36.3
1991	508,952	599,045	54.1	156,895	181,603	53.6	23,661	13,873	37.0
1992	525,395	624,677	54.3	162,299	191,908	54.2	24,454	14,436	37.1
1993	537,536	641,742	54.4	169,753	201,220	54.2	24,679	15,122	38.0
1994	537,061	646,080	54.6	176,762	212,246	54.6	25,215	15,819	38.6
1995	531,146	643,290	54.8	179,198	220,230	55.1	25,329	16,414	39.3
1996	528,000	651,815	55.2	180,360	228,572	55.9	25,469	16,945	40.0
1997	525,282	661,307	55.7	181,457	239,497	56.9	25,304	17,251	40.5

NOTE: Data on first-professional degrees are provided in table 61.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Studies; data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey; and NSF/SRS, Survey of Earned Doctorates

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Table 3. Science and engineering degrees awarded, by degree level and sex of recipient: 1966-97

Academic year ending	Bachelor's			Master's			Doctoral		
	Men	Women	Percent women	Men	Women	Percent women	Men	Women	Percent women
1966	138,679	45,634	24.8	35,580	5,469	13.3	10,646	924	8.0
1967	149,045	50,787	25.4	38,682	6,306	14.0	12,013	1,096	8.4
1968	165,200	61,397	27.1	41,551	7,209	14.8	13,328	1,317	9.0
1969	189,272	72,917	27.8	44,182	8,200	15.7	14,781	1,507	9.3
1970	204,528	79,702	28.0	43,973	9,722	18.1	16,404	1,648	9.1
1971	209,318	85,039	28.9	46,116	10,338	18.3	17,385	1,996	10.3
1972	216,422	90,037	29.4	48,721	11,328	18.9	17,191	2,151	11.1
1973	225,090	95,995	29.9	50,233	11,813	19.0	16,853	2,520	13.0
1974	223,652	102,578	31.4	49,528	12,711	20.4	16,043	2,671	14.3
1975	210,741	102,814	32.8	49,410	13,788	21.8	15,870	2,929	15.6
1976	205,570	103,921	33.6	49,992	15,015	23.1	15,375	3,097	16.8
1977	198,805	104,993	34.6	50,899	16,498	24.5	14,775	3,233	18.0
1978	195,888	107,667	35.5	50,034	17,230	25.6	14,199	3,454	19.6
1979	193,247	109,915	36.3	46,614	17,612	27.4	14,128	3,744	20.9
1980	191,215	113,480	37.2	46,004	18,085	28.2	13,814	3,961	22.3
1981	190,977	115,815	37.8	45,505	18,861	29.3	14,056	4,201	23.0
1982	193,624	121,399	38.5	46,557	20,011	30.1	13,925	4,350	23.8
1983	194,380	123,191	38.8	46,734	20,999	31.0	13,920	4,715	25.3
1984	199,150	125,134	38.6	47,049	21,533	31.4	13,956	4,792	25.6
1985	203,402	128,871	38.8	48,247	22,331	31.6	14,044	4,891	25.8
1986	204,743	130,662	39.0	48,621	23,219	32.3	14,270	5,167	26.6
1987	199,981	131,545	39.7	48,759	23,844	32.8	14,582	5,312	26.7
1988	191,549	130,933	40.6	49,820	23,835	32.4	15,270	5,662	27.0
1989	189,338	133,483	41.3	50,845	25,580	33.5	15,623	6,109	28.1
1990	189,082	140,012	42.5	51,230	26,558	34.1	16,498	6,370	27.9
1991	189,328	148,347	43.9	50,441	27,927	35.6	17,091	6,932	28.9
1992	195,779	159,486	44.9	52,157	28,950	35.7	17,595	7,080	28.7
1993	200,315	165,720	45.3	55,454	30,971	35.8	17,791	7,652	30.1
1994	202,284	170,977	45.8	57,970	33,441	36.6	18,285	7,920	30.2
1995	202,217	175,931	46.5	58,518	35,791	38.0	18,247	8,288	31.2
1996	203,341	181,333	47.1	57,860	37,453	39.3	18,583	8,646	31.8
1997	201,471	187,011	48.1	55,223	38,262	40.9	18,259	8,921	32.8

NOTE: See section C for specific fields that are included in science and engineering.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Studies; data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey; and NSF/SRS, Survey of Earned Doctorates

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Table 4. Non-science and engineering degrees awarded, by degree level and sex of recipient: 1966-97

Academic year ending	Bachelor's			Master's			Doctoral		
	Men	Women	Percent women	Men	Women	Percent women	Men	Women	Percent women
1966	162,358	177,337	52.2	57,604	42,119	42.2	5,217	1,162	18.2
1967	175,191	187,346	51.7	64,497	48,407	42.9	5,948	1,346	18.5
1968	194,547	215,719	52.6	72,198	56,192	43.8	6,677	1,615	19.5
1969	223,593	248,221	52.6	77,699	64,333	45.3	7,574	1,881	19.9
1970	249,077	264,763	51.5	82,173	73,519	47.2	9,123	2,323	20.3
1971	269,105	282,648	51.2	92,474	82,558	47.2	9,886	2,600	20.8
1972	287,209	300,442	51.1	101,364	91,361	47.4	10,563	3,136	22.9
1973	296,444	312,743	51.3	104,767	97,712	48.3	10,817	3,565	24.8
1974	307,255	320,891	51.1	108,816	107,204	49.6	10,551	3,782	26.4
1975	297,683	320,425	51.8	112,705	117,748	51.1	9,881	4,272	30.2
1976	302,979	321,973	51.5	117,753	130,241	52.5	9,887	4,587	31.7
1977	300,316	324,114	51.9	117,311	133,533	53.2	9,083	4,625	33.7
1978	295,178	331,468	52.9	111,674	133,878	54.5	8,354	4,868	36.8
1979	288,147	340,031	54.1	107,158	130,691	54.9	8,174	5,193	38.8
1980	286,535	349,021	54.9	105,155	129,851	55.3	7,798	5,447	41.1
1981	283,359	356,726	55.7	101,926	130,506	56.1	7,408	5,691	43.4
1982	283,919	365,101	56.3	99,384	130,628	56.8	7,093	5,743	44.7
1983	289,015	374,093	56.4	98,380	124,818	55.9	6,828	5,818	46.0
1984	287,600	374,461	56.6	96,949	119,931	55.3	6,682	5,907	46.9
1985	283,258	375,346	57.0	95,469	121,166	55.9	6,509	5,853	47.3
1986	285,400	379,399	57.1	95,311	122,678	56.3	6,325	6,140	49.3
1987	285,022	386,984	57.6	92,896	125,033	57.4	6,356	6,120	49.1
1988	289,687	393,864	57.6	95,583	130,853	57.8	6,411	6,157	49.0
1989	298,228	409,122	57.8	98,554	136,071	58.0	6,191	6,404	50.8
1990	306,785	426,272	58.1	102,795	144,364	58.4	6,463	6,736	51.0
1991	319,624	450,698	58.5	106,454	153,676	59.1	6,570	6,941	51.4
1992	329,616	465,191	58.5	110,142	162,958	59.7	6,859	7,356	51.7
1993	337,221	476,022	58.5	114,299	170,249	59.8	6,888	7,470	52.0
1994	334,777	475,103	58.7	118,792	178,805	60.1	6,930	7,899	53.3
1995	328,929	467,359	58.7	120,680	184,439	60.4	7,082	8,126	53.4
1996	324,659	470,482	59.2	122,500	191,119	60.9	6,886	8,299	54.7
1997	323,811	474,296	59.4	126,234	201,235	61.5	7,045	8,330	54.2

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Studies; data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey; and NSF/SRS, Survey of Earned Doctorates

Table 5. Bachelor's degrees awarded, by major field group: 1966-97

Academic year ending	All fields	Science & engineering fields								Non-S&E fields
		Total	Engineering	Physical sciences	Earth, atmos. & ocean. sciences	Mathematical/ computer sciences	Biological/ agricultural	Psychology	Social sciences	
1966	524,008	184,313	35,826	15,462	1,712	20,179	29,804	16,966	64,364	339,695
1967	562,369	199,832	36,197	15,847	1,936	21,530	32,489	19,435	72,398	362,537
1968	636,863	226,597	37,680	17,037	2,339	24,084	36,141	23,921	85,395	410,266
1969	734,003	262,189	41,582	18,623	2,924	28,263	41,280	29,458	100,059	471,814
1970	798,070	284,230	44,770	18,173	3,351	29,109	44,447	33,784	110,596	513,840
1971	846,110	294,357	45,248	17,948	3,562	27,306	45,728	38,154	116,411	551,753
1972	894,110	306,459	45,711	16,814	4,055	27,250	48,291	43,421	120,917	587,651
1973	930,272	321,085	46,779	16,415	4,374	27,528	54,687	48,096	123,206	609,187
1974	954,376	326,230	43,248	16,453	4,823	26,570	61,906	52,256	120,974	628,146
1975	931,663	313,555	39,824	16,001	4,877	23,385	66,321	51,436	111,711	618,108
1976	934,443	309,491	38,790	16,497	5,046	21,749	70,004	50,363	107,042	624,952
1977	928,228	303,798	41,357	16,937	5,653	20,729	70,589	47,794	100,739	624,430
1978	930,201	303,555	47,251	17,143	6,003	19,925	69,215	45,057	98,961	626,646
1979	931,340	303,162	53,469	17,257	6,082	20,670	66,781	43,012	95,891	628,178
1980	940,251	304,695	58,810	17,470	6,155	22,686	63,942	42,513	93,119	635,556
1981	946,877	306,792	63,717	17,446	6,694	26,406	59,922	41,364	91,243	640,085
1982	964,043	315,023	67,460	17,263	7,061	32,139	57,535	41,539	92,026	649,020
1983	980,679	317,571	72,670	16,197	7,298	37,344	55,411	40,825	87,826	663,108
1984	986,345	324,284	76,153	15,831	7,925	45,946	52,351	40,375	85,703	662,061
1985	990,877	332,273	77,572	16,270	7,576	54,510	51,312	40,237	84,796	658,604
1986	1,000,204	335,405	76,820	15,784	6,076	58,726	50,441	40,937	86,621	664,799
1987	1,003,532	331,526	74,425	15,464	4,689	56,442	48,571	43,195	88,740	672,006
1988	1,006,033	322,482	70,154	14,255	3,554	50,877	46,925	45,378	91,339	683,551
1989	1,030,171	322,821	66,947	14,148	3,181	46,277	45,531	48,954	97,783	707,350
1990	1,062,151	329,094	64,705	13,425	2,776	42,369	46,451	54,018	105,350	733,057
1991	1,107,997	337,675	62,187	13,678	2,728	40,194	48,783	58,893	111,212	770,322
1992	1,150,072	355,265	61,941	13,875	3,201	39,889	54,193	64,033	118,133	794,807
1993	1,179,278	366,035	62,705	14,188	3,503	39,433	59,621	67,251	119,334	813,243
1994	1,183,141	373,261	63,012	14,655	3,868	39,185	65,268	69,768	117,505	809,880
1995	1,174,436	378,148	63,371	14,897	4,478	38,620	71,470	72,601	112,711	796,288
1996	1,179,815	384,674	63,114	15,396	4,457	37,621	78,469	73,828	111,789	795,141
1997	1,186,589	388,482	62,352	15,264	4,466	38,116	82,500	74,734	111,050	798,107

NOTE: See section C for specific fields that are included in each category.

SOURCE: Tabulated by National Science Foundation/Division of Science Resources Studies; data from Department of Education National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey

Table 6. Percentage distribution of bachelor's degrees awarded, by major field group: 1966-97

Academic year ending	All fields	Science & engineering fields								Non-S&E fields
		Total	Engineering	Physical sciences	Earth, atmos, & ocean. sciences	Mathematical/ computer sciences	Biological/ agricultural	Psychology	Social sciences	
1966	100.0	35.2	6.8	3.0	0.3	3.9	5.7	3.2	12.3	64.8
1967	100.0	35.5	6.4	2.8	.3	3.8	5.8	3.5	12.9	64.5
1968	100.0	35.6	5.9	2.7	.4	3.8	5.7	3.8	13.4	64.4
1969	100.0	35.7	5.7	2.5	.4	3.9	5.6	4.0	13.6	64.3
1970	100.0	35.6	5.6	2.3	.4	3.6	5.6	4.2	13.9	64.4
1971	100.0	34.8	5.3	2.1	.4	3.2	5.4	4.5	13.8	65.2
1972	100.0	34.3	5.1	1.9	.5	3.0	5.4	4.9	13.5	65.7
1973	100.0	34.5	5.0	1.8	.5	3.0	5.9	5.2	13.2	65.5
1974	100.0	34.2	4.5	1.7	.5	2.8	6.5	5.5	12.7	65.8
1975	100.0	33.7	4.3	1.7	.5	2.5	7.1	5.5	12.0	66.3
1976	100.0	33.1	4.2	1.8	.5	2.3	7.5	5.4	11.5	66.9
1977	100.0	32.7	4.5	1.8	.6	2.2	7.6	5.1	10.9	67.3
1978	100.0	32.6	5.1	1.8	.6	2.1	7.4	4.8	10.6	67.4
1979	100.0	32.6	5.7	1.9	.7	2.2	7.2	4.6	10.3	67.4
1980	100.0	32.4	6.3	1.9	.7	2.4	6.8	4.5	9.9	67.6
1981	100.0	32.4	6.7	1.8	.7	2.8	6.3	4.4	9.6	67.6
1982	100.0	32.7	7.0	1.8	.7	3.3	6.0	4.3	9.5	67.3
1983	100.0	32.4	7.4	1.7	.7	3.8	5.7	4.2	9.0	67.6
1984	100.0	32.9	7.7	1.6	.8	4.7	5.3	4.1	8.7	67.1
1985	100.0	33.5	7.8	1.6	.8	5.5	5.2	4.1	8.6	66.5
1986	100.0	33.5	7.7	1.6	.6	5.9	5.0	4.1	8.7	66.5
1987	100.0	33.0	7.4	1.5	.5	5.6	4.8	4.3	8.8	67.0
1988	100.0	32.1	7.0	1.4	.4	5.1	4.7	4.5	9.1	67.9
1989	100.0	31.3	6.5	1.4	.3	4.5	4.4	4.8	9.5	68.7
1990	100.0	31.0	6.1	1.3	.3	4.0	4.4	5.1	9.9	69.0
1991	100.0	30.5	5.6	1.2	.2	3.6	4.4	5.3	10.0	69.5
1992	100.0	30.9	5.4	1.2	.3	3.5	4.7	5.6	10.3	69.1
1993	100.0	31.0	5.3	1.2	.3	3.3	5.1	5.7	10.1	69.0
1994	100.0	31.5	5.3	1.2	.3	3.3	5.5	5.9	9.9	68.5
1995	100.0	32.2	5.4	1.3	.4	3.3	6.1	6.2	9.6	67.8
1996	100.0	32.6	5.3	1.3	.4	3.2	6.7	6.3	9.5	67.4
1997	100.0	32.7	5.3	1.3	.4	3.2	7.0	6.3	9.4	67.3

NOTES: Details may not sum to totals due to rounding.

See section C for specific fields that are included in each category.

SOURCE: Tabulated by National Science Foundation/Division of Science Resources Studies; data from Department of Education National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey

Table 7. Bachelor's degrees awarded to men, by major field group: 1966-97

Academic year ending	All fields	Science & engineering fields								Non-S&E fields
		Total	Engineering	Physical sciences	Earth, atmos. & ocean. sciences	Mathematical/ computer sciences	Biological/ agricultural	Psychology	Social sciences	
1966	301,037	138,679	35,680	13,290	1,551	13,477	22,339	10,038	42,304	162,358
1967	324,236	149,045	36,013	13,642	1,739	14,196	24,541	11,657	47,257	175,191
1968	359,747	165,200	37,464	14,602	2,105	15,243	27,175	13,791	54,820	194,547
1969	412,865	189,272	41,270	15,962	2,633	17,915	31,190	16,758	63,544	223,593
1970	453,605	204,528	44,433	15,547	3,008	18,593	33,747	19,067	70,133	249,077
1971	478,423	209,318	44,887	15,317	3,179	17,488	34,712	21,117	72,618	269,105
1972	503,631	216,422	45,219	14,161	3,560	17,466	36,514	23,267	76,235	287,209
1973	521,534	225,090	46,203	13,826	3,842	17,543	40,908	25,110	77,658	296,444
1974	530,907	223,652	42,550	13,686	4,055	16,851	45,174	25,849	75,487	307,255
1975	508,424	210,741	38,979	12,990	4,050	14,729	46,937	24,333	68,723	297,683
1976	508,549	205,570	37,473	13,280	4,124	14,071	48,168	22,987	65,467	302,979
1977	499,121	198,805	39,313	13,560	4,479	13,241	47,339	20,692	60,181	300,316
1978	491,066	195,888	43,769	13,453	4,709	12,815	44,852	18,517	57,773	295,178
1979	481,394	193,247	48,588	13,358	4,695	13,249	41,994	16,649	54,714	288,147
1980	477,750	191,215	52,858	13,285	4,693	14,439	38,931	15,590	51,419	286,535
1981	474,336	190,977	56,654	13,137	5,028	16,672	35,265	14,447	49,774	283,359
1982	477,543	193,624	59,185	12,737	5,254	19,966	33,222	13,756	49,504	283,919
1983	483,395	194,380	63,018	11,586	5,450	22,802	31,132	13,228	47,164	289,015
1984	486,750	199,150	65,424	11,175	5,991	27,893	29,108	12,949	46,610	287,600
1985	486,660	203,402	66,326	11,434	5,715	32,985	28,172	12,815	45,955	283,258
1986	490,143	204,743	65,682	11,088	4,722	35,920	27,488	12,691	47,152	285,400
1987	485,003	199,981	63,021	10,792	3,629	34,871	26,168	13,399	48,101	285,022
1988	481,236	191,549	59,375	9,673	2,707	32,112	24,550	13,584	49,548	289,687
1989	487,566	189,338	56,759	9,777	2,380	29,682	23,852	14,291	52,597	298,228
1990	495,867	189,082	54,732	9,106	2,001	27,184	24,050	15,399	56,610	306,785
1991	508,952	189,328	52,522	9,253	1,946	25,700	25,007	16,155	58,745	319,624
1992	525,395	195,779	52,305	9,289	2,177	25,693	27,473	17,130	61,712	329,616
1993	537,536	200,315	52,724	9,424	2,453	25,483	30,439	18,029	61,763	337,221
1994	537,061	202,284	52,609	9,588	2,665	25,397	33,347	18,749	59,929	334,777
1995	531,146	202,217	52,421	9,605	2,954	25,066	35,915	19,638	56,618	328,929
1996	528,000	203,341	51,798	9,694	2,972	24,857	39,100	19,965	54,955	324,659
1997	525,282	201,471	50,882	9,382	2,924	25,324	39,967	19,491	53,501	323,811

NOTE: See section C for specific fields that are included in each category.

SOURCE: Tabulated by National Science Foundation/Division of Science Resources Studies; data from Department of Education National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey

Table 8. Percentage distribution of bachelor's degrees awarded to men, by major field group: 1966-97

Academic year ending	All fields	Science & engineering fields								Non-S&E fields
		Total	Engineering	Physical sciences	Earth, atmos, & ocean. sciences	Mathematical/ computer sciences	Biological/ agricultural	Psychology	Social sciences	
1966	100.0	46.1	11.9	4.4	0.5	4.5	7.4	3.3	14.1	53.9
1967	100.0	46.0	11.1	4.2	.5	4.4	7.6	3.6	14.6	54.0
1968	100.0	45.9	10.4	4.1	.6	4.2	7.6	3.8	15.2	54.1
1969	100.0	45.8	10.0	3.9	.6	4.3	7.6	4.1	15.4	54.2
1970	100.0	45.1	9.8	3.4	.7	4.1	7.4	4.2	15.5	54.9
1971	100.0	43.8	9.4	3.2	.7	3.7	7.3	4.4	15.2	56.2
1972	100.0	43.0	9.0	2.8	.7	3.5	7.3	4.6	15.1	57.0
1973	100.0	43.2	8.9	2.7	.7	3.4	7.8	4.8	14.9	56.8
1974	100.0	42.1	8.0	2.6	.8	3.2	8.5	4.9	14.2	57.9
1975	100.0	41.4	7.7	2.6	.8	2.9	9.2	4.8	13.5	58.6
1976	100.0	40.4	7.4	2.6	.8	2.8	9.5	4.5	12.9	59.6
1977	100.0	39.8	7.9	2.7	.9	2.7	9.5	4.1	12.1	60.2
1978	100.0	39.9	8.9	2.7	1.0	2.6	9.1	3.8	11.8	60.1
1979	100.0	40.1	10.1	2.8	1.0	2.8	8.7	3.5	11.4	59.9
1980	100.0	40.0	11.1	2.8	1.0	3.0	8.1	3.3	10.8	60.0
1981	100.0	40.3	11.9	2.8	1.1	3.5	7.4	3.0	10.5	59.7
1982	100.0	40.5	12.4	2.7	1.1	4.2	7.0	2.9	10.4	59.5
1983	100.0	40.2	13.0	2.4	1.1	4.7	6.4	2.7	9.8	59.8
1984	100.0	40.9	13.4	2.3	1.2	5.7	6.0	2.7	9.6	59.1
1985	100.0	41.8	13.6	2.3	1.2	6.8	5.8	2.6	9.4	58.2
1986	100.0	41.8	13.4	2.3	1.0	7.3	5.6	2.6	9.6	58.2
1987	100.0	41.2	13.0	2.2	.7	7.2	5.4	2.8	9.9	58.8
1988	100.0	39.8	12.3	2.0	.6	6.7	5.1	2.8	10.3	60.2
1989	100.0	38.8	11.6	2.0	.5	6.1	4.9	2.9	10.8	61.2
1990	100.0	38.1	11.0	1.8	.4	5.5	4.9	3.1	11.4	61.9
1991	100.0	37.2	10.3	1.8	.4	5.0	4.9	3.2	11.5	62.8
1992	100.0	37.3	10.0	1.8	.4	4.9	5.2	3.3	11.7	62.7
1993	100.0	37.3	9.8	1.8	.5	4.7	5.7	3.4	11.5	62.7
1994	100.0	37.7	9.8	1.8	.5	4.7	6.2	3.5	11.2	62.3
1995	100.0	38.1	9.9	1.8	.6	4.7	6.8	3.7	10.7	61.9
1996	100.0	38.5	9.8	1.8	.6	4.7	7.4	3.8	10.4	61.5
1997	100.0	38.4	9.7	1.8	.6	4.8	7.6	3.7	10.2	61.6

NOTES: Details may not sum to totals due to rounding.

See section C for specific fields that are included in each category.

SOURCE: Tabulated by National Science Foundation/Division of Science Resources Studies; data from Department of Education National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey

Table 9. Bachelor's degrees awarded to women, by major field group: 1966-97

Academic year ending	All fields	Science & engineering fields								Non-S&E fields
		Total	Engineering	Physical sciences	Earth, atmos, & ocean. sciences	Mathematical/ computer sciences	Biological/ agricultural	Psychology	Social sciences	
1966	222,971	45,634	146	2,172	161	6,702	7,465	6,928	22,060	177,337
1967	238,133	50,787	184	2,205	197	7,334	7,948	7,778	25,141	187,346
1968	277,116	61,397	216	2,435	234	8,841	8,966	10,130	30,575	215,719
1969	321,138	72,917	312	2,661	291	10,348	10,090	12,700	36,515	248,221
1970	344,465	79,702	337	2,626	343	10,516	10,700	14,717	40,463	264,763
1971	367,687	85,039	361	2,631	383	9,818	11,016	17,037	43,793	282,648
1972	390,479	90,037	492	2,653	495	9,784	11,777	20,154	44,682	300,442
1973	408,738	95,995	576	2,589	532	9,985	13,779	22,986	45,548	312,743
1974	423,469	102,578	698	2,767	768	9,719	16,732	26,407	45,487	320,891
1975	423,239	102,814	845	3,011	827	8,656	19,384	27,103	42,988	320,425
1976	425,894	103,921	1,317	3,217	922	7,678	21,836	27,376	41,575	321,973
1977	429,107	104,993	2,044	3,377	1,174	7,488	23,250	27,102	40,558	324,114
1978	439,135	107,667	3,482	3,690	1,294	7,110	24,363	26,540	41,188	331,468
1979	449,946	109,915	4,881	3,899	1,387	7,421	24,787	26,363	41,177	340,031
1980	462,501	113,480	5,952	4,185	1,462	8,247	25,011	26,923	41,700	349,021
1981	472,541	115,815	7,063	4,309	1,666	9,734	24,657	26,917	41,469	356,726
1982	486,500	121,399	8,275	4,526	1,807	12,173	24,313	27,783	42,522	365,101
1983	497,284	123,191	9,652	4,611	1,848	14,542	24,279	27,597	40,662	374,093
1984	499,595	125,134	10,729	4,656	1,934	18,053	23,243	27,426	39,093	374,461
1985	504,217	128,871	11,246	4,836	1,861	21,525	23,140	27,422	38,841	375,346
1986	510,061	130,662	11,138	4,696	1,354	22,806	22,953	28,246	39,469	379,399
1987	518,529	131,545	11,404	4,672	1,060	21,571	22,403	29,796	40,639	386,984
1988	524,797	130,933	10,779	4,582	847	18,765	22,375	31,794	41,791	393,864
1989	542,605	133,483	10,188	4,371	801	16,595	21,679	34,663	45,186	409,122
1990	566,284	140,012	9,973	4,319	775	15,185	22,401	38,619	48,740	426,272
1991	599,045	148,347	9,665	4,425	782	14,494	23,776	42,738	52,467	450,698
1992	624,677	159,486	9,636	4,586	1,024	14,196	26,720	46,903	56,421	465,191
1993	641,742	165,720	9,981	4,764	1,050	13,950	29,182	49,222	57,571	476,022
1994	646,080	170,977	10,403	5,067	1,203	13,788	31,921	51,019	57,576	475,103
1995	643,290	175,931	10,950	5,292	1,524	13,554	35,555	52,963	56,093	467,359
1996	651,815	181,333	11,316	5,702	1,485	12,764	39,369	53,863	56,834	470,482
1997	661,307	187,011	11,470	5,882	1,542	12,792	42,533	55,243	57,549	474,296

NOTE: See section C for specific fields that are included in each category.

SOURCE: Tabulated by National Science Foundation/Division of Science Resources Studies; data from Department of Education National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey

Table 10. Percentage distribution of bachelor's degrees awarded to women, by major field group: 1966-97

Academic year ending	All fields	Science & engineering fields								Non-S&E fields
		Total	Engineering	Physical sciences	Earth, atmos. & ocean. sciences	Mathematical/ computer sciences	Biological/ agricultural	Psychology	Social sciences	
1966	100.0	20.5	0.1	1.0	0.1	3.0	3.3	3.1	9.9	79.5
1967	100.0	21.3	.1	.9	.1	3.1	3.3	3.3	10.6	78.7
1968	100.0	22.2	.1	.9	.1	3.2	3.2	3.7	11.0	77.8
1969	100.0	22.7	.1	.8	.1	3.2	3.1	4.0	11.4	77.3
1970	100.0	23.1	.1	.8	.1	3.1	3.1	4.3	11.7	76.9
1971	100.0	23.1	.1	.7	.1	2.7	3.0	4.6	11.9	76.9
1972	100.0	23.1	.1	.7	.1	2.5	3.0	5.2	11.4	76.9
1973	100.0	23.5	.1	.6	.1	2.4	3.4	5.6	11.1	76.5
1974	100.0	24.2	.2	.7	.2	2.3	4.0	6.2	10.7	75.8
1975	100.0	24.3	.2	.7	.2	2.0	4.6	6.4	10.2	75.7
1976	100.0	24.4	.3	.8	.2	1.8	5.1	6.4	9.8	75.6
1977	100.0	24.5	.5	.8	.3	1.7	5.4	6.3	9.5	75.5
1978	100.0	24.5	.8	.8	.3	1.6	5.5	6.0	9.4	75.5
1979	100.0	24.4	1.1	.9	.3	1.6	5.5	5.9	9.2	75.6
1980	100.0	24.5	1.3	.9	.3	1.8	5.4	5.8	9.0	75.5
1981	100.0	24.5	1.5	.9	.4	2.1	5.2	5.7	8.8	75.5
1982	100.0	25.0	1.7	.9	.4	2.5	5.0	5.7	8.7	75.0
1983	100.0	24.8	1.9	.9	.4	2.9	4.9	5.5	8.2	75.2
1984	100.0	25.0	2.1	.9	.4	3.6	4.7	5.5	7.8	75.0
1985	100.0	25.6	2.2	1.0	.4	4.3	4.6	5.4	7.7	74.4
1986	100.0	25.6	2.2	.9	.3	4.5	4.5	5.5	7.7	74.4
1987	100.0	25.4	2.2	.9	.2	4.2	4.3	5.7	7.8	74.6
1988	100.0	24.9	2.1	.9	.2	3.6	4.3	6.1	8.0	75.1
1989	100.0	24.6	1.9	.8	.1	3.1	4.0	6.4	8.3	75.4
1990	100.0	24.7	1.8	.8	.1	2.7	4.0	6.8	8.6	75.3
1991	100.0	24.8	1.6	.7	.1	2.4	4.0	7.1	8.8	75.2
1992	100.0	25.5	1.5	.7	.2	2.3	4.3	7.5	9.0	74.5
1993	100.0	25.8	1.6	.7	.2	2.2	4.5	7.7	9.0	74.2
1994	100.0	26.5	1.6	.8	.2	2.1	4.9	7.9	8.9	73.5
1995	100.0	27.3	1.7	.8	.2	2.1	5.5	8.2	8.7	72.7
1996	100.0	27.8	1.7	.9	.2	2.0	6.0	8.3	8.7	72.2
1997	100.0	28.3	1.7	.9	.2	1.9	6.4	8.4	8.7	71.7

NOTES: Details may not sum to totals due to rounding.

See section C for specific fields that are included in each category.

SOURCE: Tabulated by National Science Foundation/Division of Science Resources Studies; data from Department of Education, National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey

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Table 11. Women as a percentage of all bachelor's recipients, by major field group: 1966-97

Academic year ending	All fields	Science & engineering fields								Non-S&E fields
		Total	Engineering	Physical sciences	Earth, atmos. & ocean. sciences	Mathematical/ computer sciences	Biological/ agricultural	Psychology	Social sciences	
1966	42.6	24.8	0.4	14.0	9.4	33.2	25.0	40.8	34.3	52.2
1967	42.3	25.4	.5	13.9	10.2	34.1	24.5	40.0	34.7	51.7
1968	43.5	27.1	.6	14.3	10.0	36.7	24.8	42.3	35.8	52.6
1969	43.8	27.8	.8	14.3	10.0	36.6	24.4	43.1	36.5	52.6
1970	43.2	28.0	.8	14.5	10.2	36.1	24.1	43.6	36.6	51.5
1971	43.5	28.9	.8	14.7	10.8	36.0	24.1	44.7	37.6	51.2
1972	43.7	29.4	1.1	15.8	12.2	35.9	24.4	46.4	37.0	51.1
1973	43.9	29.9	1.2	15.8	12.2	36.3	25.2	47.8	37.0	51.3
1974	44.4	31.4	1.6	16.8	15.9	36.6	27.0	50.5	37.6	51.1
1975	45.4	32.8	2.1	18.8	17.0	37.0	29.2	52.7	38.5	51.8
1976	45.6	33.6	3.4	19.5	18.3	35.3	31.2	54.4	38.8	51.5
1977	46.2	34.6	4.9	19.9	20.8	36.1	32.9	56.7	40.3	51.9
1978	47.2	35.5	7.4	21.5	21.6	35.7	35.2	58.9	41.6	52.9
1979	48.3	36.3	9.1	22.6	22.8	35.9	37.1	61.3	42.9	54.1
1980	49.2	37.2	10.1	24.0	23.8	36.4	39.1	63.3	44.8	54.9
1981	49.9	37.8	11.1	24.7	24.9	36.9	41.1	65.1	45.4	55.7
1982	50.5	38.5	12.3	26.2	25.6	37.9	42.3	66.9	46.2	56.3
1983	50.7	38.8	13.3	28.5	25.3	38.9	43.8	67.6	46.3	56.4
1984	50.7	38.6	14.1	29.4	24.4	39.3	44.4	67.9	45.6	56.6
1985	50.9	38.8	14.5	29.7	24.6	39.5	45.1	68.2	45.8	57.0
1986	51.0	39.0	14.5	29.8	22.3	38.8	45.5	69.0	45.6	57.1
1987	51.7	39.7	15.3	30.2	22.6	38.2	46.1	69.0	45.8	57.6
1988	52.2	40.6	15.4	32.1	23.8	36.9	47.7	70.1	45.8	57.6
1989	52.7	41.3	15.2	30.9	25.2	35.9	47.6	70.8	46.2	57.8
1990	53.3	42.5	15.4	32.2	27.9	35.8	48.2	71.5	46.3	58.1
1991	54.1	43.9	15.5	32.4	28.7	36.1	48.7	72.6	47.2	58.5
1992	54.3	44.9	15.6	33.1	32.0	35.6	49.3	73.2	47.8	58.5
1993	54.4	45.3	15.9	33.6	30.0	35.4	48.9	73.2	48.2	58.5
1994	54.6	45.8	16.5	34.6	31.1	35.2	48.9	73.1	49.0	58.7
1995	54.8	46.5	17.3	35.5	34.0	35.1	49.7	73.0	49.8	58.7
1996	55.2	47.1	17.9	37.0	33.3	33.9	50.2	73.0	50.8	59.2
1997	55.7	48.1	18.4	38.5	34.5	33.6	51.6	73.9	51.8	59.4

NOTE: See section C for specific fields that are included in each category.

SOURCE: Tabulated by National Science Foundation/Division of Science Resources Studies; data from Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System Completions Survey.

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Table 12. Master's degrees awarded, by major field group: 1966-97

Academic year ending	All fields	Science & engineering fields								Non-S&E fields
		Total	Engineering	Physical sciences	Earth, atmos. & ocean. sciences	Mathematical/ computer sciences	Biological/ agricultural	Psychology	Social sciences	
1966	140,772	41,049	13,705	4,206	759	5,010	5,865	2,423	9,081	99,723
1967	157,892	44,988	13,921	4,405	971	5,733	6,712	2,898	10,348	112,904
1968	177,150	48,760	15,232	4,456	1,008	6,081	7,309	3,240	11,434	128,390
1969	194,414	52,382	15,248	4,755	1,124	6,735	7,799	3,738	12,983	142,032
1970	209,387	53,695	15,597	4,796	1,124	7,107	7,619	3,962	13,490	155,692
1971	231,486	56,454	16,367	5,115	1,227	6,789	7,604	4,438	14,914	175,032
1972	252,774	60,049	16,764	4,864	1,408	7,186	8,200	5,293	16,334	192,725
1973	264,525	62,046	16,545	4,769	1,470	7,146	8,514	5,882	17,720	202,479
1974	278,259	62,239	15,205	4,379	1,679	7,116	8,866	6,616	18,378	216,020
1975	293,651	63,198	15,167	4,298	1,503	6,637	9,030	7,104	19,459	230,453
1976	313,001	65,007	16,045	3,880	1,581	6,466	9,223	7,859	19,953	247,994
1977	318,241	67,397	16,012	3,641	1,659	6,496	10,060	8,320	21,209	250,844
1978	312,816	67,264	16,080	3,713	1,832	6,421	10,001	8,194	21,023	245,552
1979	302,075	64,226	15,279	3,650	1,777	6,101	10,016	8,031	19,372	237,849
1980	299,095	64,089	15,943	3,408	1,793	6,515	9,631	7,861	18,938	235,006
1981	296,798	64,366	16,451	3,366	1,876	6,787	9,107	8,039	18,740	232,432
1982	296,580	66,568	17,557	3,491	2,012	7,666	9,199	7,849	18,794	230,012
1983	290,931	67,733	18,886	3,285	1,959	8,177	9,136	8,439	17,851	223,198
1984	285,462	68,582	20,145	3,544	1,982	8,960	8,702	8,073	17,176	216,880
1985	287,213	70,578	20,972	3,605	2,160	10,004	8,208	8,481	17,148	216,635
1986	289,829	71,840	21,096	3,649	2,234	11,254	8,023	8,363	17,221	217,989
1987	290,532	72,603	22,070	3,574	2,051	11,808	7,775	8,165	17,160	217,929
1988	300,091	73,655	22,726	3,708	1,920	12,600	7,556	7,925	17,220	226,436
1989	311,050	76,425	23,743	3,876	1,819	12,829	7,523	8,652	17,983	234,625
1990	324,947	77,788	23,995	3,805	1,596	13,327	7,527	9,308	18,230	247,159
1991	338,498	78,368	24,013	3,777	1,499	12,956	7,406	9,802	18,915	260,130
1992	354,207	81,107	25,018	3,922	1,425	13,320	7,885	9,852	19,685	273,100
1993	370,973	86,425	27,664	3,965	1,397	14,100	8,112	10,412	20,775	284,548
1994	389,008	91,411	28,717	4,263	1,418	14,350	8,686	11,572	22,405	297,597
1995	399,428	94,309	28,630	4,241	1,483	14,495	9,069	13,132	23,259	305,119
1996	408,932	95,313	27,761	4,364	1,487	14,355	10,307	13,043	23,996	313,619
1997	420,954	93,485	25,874	4,141	1,435	14,088	10,521	13,633	23,793	327,469

NOTE: See section C for specific fields that are included in each category.

SOURCE: Tabulated by National Science Foundation/Division of Science Resources Studies; data from Department of Education National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey

Table 13. Percentage distribution of master's degrees awarded, by major field group: 1966-97

Academic year ending	All fields	Science & engineering fields								Non-S&E fields
		Total	Engineering	Physical sciences	Earth, atmos. & ocean. sciences	Mathematical/ computer sciences	Biological/ agricultural	Psychology	Social sciences	
1966	100.0	29.2	9.7	3.0	0.5	3.6	4.2	1.7	6.5	70.8
1967	100.0	28.5	8.8	2.8	.6	3.6	4.3	1.8	6.6	71.5
1968	100.0	27.5	8.6	2.5	.6	3.4	4.1	1.8	6.5	72.5
1969	100.0	26.9	7.8	2.4	.6	3.5	4.0	1.9	6.7	73.1
1970	100.0	25.6	7.4	2.3	.5	3.4	3.6	1.9	6.4	74.4
1971	100.0	24.4	7.1	2.2	.5	2.9	3.3	1.9	6.4	75.6
1972	100.0	23.8	6.6	1.9	.6	2.8	3.2	2.1	6.5	76.2
1973	100.0	23.5	6.3	1.8	.6	2.7	3.2	2.2	6.7	76.5
1974	100.0	22.4	5.5	1.6	.6	2.6	3.2	2.4	6.6	77.6
1975	100.0	21.5	5.2	1.5	.5	2.3	3.1	2.4	6.6	78.5
1976	100.0	20.8	5.1	1.2	.5	2.1	2.9	2.5	6.4	79.2
1977	100.0	21.2	5.0	1.1	.5	2.0	3.2	2.6	6.7	78.8
1978	100.0	21.5	5.1	1.2	.6	2.1	3.2	2.6	6.7	78.5
1979	100.0	21.3	5.1	1.2	.6	2.0	3.3	2.7	6.4	78.7
1980	100.0	21.4	5.3	1.1	.6	2.2	3.2	2.6	6.3	78.6
1981	100.0	21.7	5.5	1.1	.6	2.3	3.1	2.7	6.3	78.3
1982	100.0	22.4	5.9	1.2	.7	2.6	3.1	2.6	6.3	77.6
1983	100.0	23.3	6.5	1.1	.7	2.8	3.1	2.9	6.1	76.7
1984	100.0	24.0	7.1	1.2	.7	3.1	3.0	2.8	6.0	76.0
1985	100.0	24.6	7.3	1.3	.8	3.5	2.9	3.0	6.0	75.4
1986	100.0	24.8	7.3	1.3	.8	3.9	2.8	2.9	5.9	75.2
1987	100.0	25.0	7.6	1.2	.7	4.1	2.7	2.8	5.9	75.0
1988	100.0	24.5	7.6	1.2	.6	4.2	2.5	2.6	5.7	75.5
1989	100.0	24.6	7.6	1.2	.6	4.1	2.4	2.8	5.8	75.4
1990	100.0	23.9	7.4	1.2	.5	4.1	2.3	2.9	5.6	76.1
1991	100.0	23.2	7.1	1.1	.4	3.8	2.2	2.9	5.6	76.8
1992	100.0	22.9	7.1	1.1	.4	3.8	2.2	2.8	5.6	77.1
1993	100.0	23.3	7.5	1.1	.4	3.8	2.2	2.8	5.6	76.7
1994	100.0	23.5	7.4	1.1	.4	3.7	2.2	3.0	5.8	76.5
1995	100.0	23.6	7.2	1.1	.4	3.6	2.3	3.3	5.8	76.4
1996	100.0	23.3	6.8	1.1	.4	3.5	2.5	3.2	5.9	76.7
1997	100.0	22.2	6.1	1.0	.3	3.3	2.5	3.2	5.7	77.8

NOTES: Details may not sum to totals due to rounding.

See section C for specific fields that are included in each category.

SOURCE: Tabulated by National Science Foundation/Division of Science Resources Studies; data from Department of Education National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey

Table 14. Master's degrees awarded to men, by major field group: 1966-97

Academic year ending	All fields	Science & engineering fields								Non-S&E fields
		Total	Engineering	Physical sciences	Earth, atmos. & ocean. sciences	Mathematical/ computer sciences	Biological/ agricultural	Psychology	Social sciences	
1966	93,184	35,580	13,629	3,723	714	3,992	4,646	1,625	7,251	57,604
1967	103,179	38,682	13,843	3,907	916	4,423	5,359	1,971	8,263	64,497
1968	113,749	41,551	15,133	3,892	937	4,720	5,678	2,229	8,962	72,198
1969	121,881	44,182	15,135	4,176	1,035	5,169	6,033	2,584	10,050	77,699
1970	126,146	43,973	15,428	4,074	999	5,298	5,655	2,484	10,035	82,173
1971	138,590	46,116	16,181	4,379	1,111	5,101	5,546	2,787	11,011	92,474
1972	150,085	48,721	16,493	4,128	1,256	5,409	6,014	3,260	12,161	101,364
1973	155,000	50,233	16,267	4,100	1,294	5,416	6,406	3,515	13,235	104,767
1974	158,344	49,528	14,858	3,689	1,482	5,323	6,633	3,986	13,557	108,816
1975	162,115	49,410	14,795	3,645	1,309	4,871	6,755	4,059	13,976	112,705
1976	167,745	49,992	15,477	3,275	1,361	4,776	6,752	4,188	14,163	117,753
1977	168,210	50,899	15,314	2,981	1,433	4,730	7,219	4,316	14,906	117,311
1978	161,708	50,034	15,237	3,060	1,542	4,704	6,981	3,931	14,579	111,674
1979	153,772	46,614	14,342	2,971	1,467	4,469	6,785	3,688	12,892	107,158
1980	151,159	46,004	14,820	2,770	1,457	4,715	6,502	3,397	12,343	105,155
1981	147,431	45,505	15,122	2,691	1,470	4,939	6,061	3,371	11,851	101,926
1982	145,941	46,557	15,982	2,744	1,560	5,446	5,896	3,228	11,701	99,384
1983	145,114	46,734	17,131	2,600	1,515	5,684	5,703	3,254	10,847	98,380
1984	143,998	47,049	18,045	2,698	1,517	6,185	5,303	2,980	10,321	96,949
1985	143,716	48,247	18,728	2,775	1,639	6,951	4,881	3,064	10,209	95,469
1986	143,932	48,621	18,696	2,736	1,717	7,724	4,679	2,937	10,132	95,311
1987	141,655	48,759	19,300	2,684	1,531	8,011	4,437	2,838	9,958	92,896
1988	145,403	49,820	19,918	2,817	1,433	8,759	4,312	2,599	9,982	95,583
1989	149,399	50,845	20,661	2,836	1,337	8,833	4,210	2,814	10,154	98,554
1990	154,025	51,230	20,726	2,754	1,218	9,176	4,080	3,025	10,251	102,795
1991	156,895	50,441	20,656	2,703	1,116	8,709	3,975	2,994	10,288	106,454
1992	162,299	52,157	21,349	2,834	1,057	9,199	4,227	2,929	10,562	110,142
1993	169,753	55,454	23,570	2,794	1,006	9,773	4,381	2,928	11,002	114,299
1994	176,762	57,970	24,294	3,030	994	10,128	4,515	3,287	11,722	118,792
1995	179,198	58,518	23,998	2,958	1,032	10,130	4,740	3,735	11,925	120,680
1996	180,360	57,860	23,009	2,914	1,051	9,999	5,259	3,670	11,958	122,500
1997	181,457	55,223	21,179	2,808	948	9,620	5,308	3,715	11,645	126,234

NOTE: See section C for specific fields that are included in each category.

SOURCE: Tabulated by National Science Foundation/Division of Science Resources Studies; data from Department of Education National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey

Table 15. Percentage distribution of master's degrees awarded to men, by major field group: 1966-97

Academic year ending	All fields	Science & engineering fields								Non-S&E fields
		Total	Engineering	Physical sciences	Earth, atmos. & ocean. sciences	Mathematical/ computer sciences	Biological/ agricultural	Psychology	Social sciences	
1966	100.0	38.2	14.6	4.0	0.8	4.3	5.0	1.7	7.8	61.8
1967	100.0	37.5	13.4	3.8	.9	4.3	5.2	1.9	8.0	62.5
1968	100.0	36.5	13.3	3.4	.8	4.1	5.0	2.0	7.9	63.5
1969	100.0	36.3	12.4	3.4	.8	4.2	4.9	2.1	8.2	63.7
1970	100.0	34.9	12.2	3.2	.8	4.2	4.5	2.0	8.0	65.1
1971	100.0	33.3	11.7	3.2	.8	3.7	4.0	2.0	7.9	66.7
1972	100.0	32.5	11.0	2.8	.8	3.6	4.0	2.2	8.1	67.5
1973	100.0	32.4	10.5	2.6	.8	3.5	4.1	2.3	8.5	67.6
1974	100.0	31.3	9.4	2.3	.9	3.4	4.2	2.5	8.6	68.7
1975	100.0	30.5	9.1	2.2	.8	3.0	4.2	2.5	8.6	69.5
1976	100.0	29.8	9.2	2.0	.8	2.8	4.0	2.5	8.4	70.2
1977	100.0	30.3	9.1	1.8	.9	2.8	4.3	2.6	8.9	69.7
1978	100.0	30.9	9.4	1.9	1.0	2.9	4.3	2.4	9.0	69.1
1979	100.0	30.3	9.3	1.9	1.0	2.9	4.4	2.4	8.4	69.7
1980	100.0	30.4	9.8	1.8	1.0	3.1	4.3	2.2	8.2	69.6
1981	100.0	30.9	10.3	1.8	1.0	3.4	4.1	2.3	8.0	69.1
1982	100.0	31.9	11.0	1.9	1.1	3.7	4.0	2.2	8.0	68.1
1983	100.0	32.2	11.8	1.8	1.0	3.9	3.9	2.2	7.5	67.8
1984	100.0	32.7	12.5	1.9	1.1	4.3	3.7	2.1	7.2	67.3
1985	100.0	33.6	13.0	1.9	1.1	4.8	3.4	2.1	7.1	66.4
1986	100.0	33.8	13.0	1.9	1.2	5.4	3.3	2.0	7.0	66.2
1987	100.0	34.4	13.6	1.9	1.1	5.7	3.1	2.0	7.0	65.6
1988	100.0	34.3	13.7	1.9	1.0	6.0	3.0	1.8	6.9	65.7
1989	100.0	34.0	13.8	1.9	.9	5.9	2.8	1.9	6.8	66.0
1990	100.0	33.3	13.5	1.8	.8	6.0	2.6	2.0	6.7	66.7
1991	100.0	32.1	13.2	1.7	.7	5.6	2.5	1.9	6.6	67.9
1992	100.0	32.1	13.2	1.7	.7	5.7	2.6	1.8	6.5	67.9
1993	100.0	32.7	13.9	1.6	.6	5.8	2.6	1.7	6.5	67.3
1994	100.0	32.8	13.7	1.7	.6	5.7	2.6	1.9	6.6	67.2
1995	100.0	32.7	13.4	1.7	.6	5.7	2.6	2.1	6.7	67.3
1996	100.0	32.1	12.8	1.6	.6	5.5	2.9	2.0	6.6	67.9
1997	100.0	30.4	11.7	1.5	.5	5.3	2.9	2.0	6.4	69.6

NOTES: Details may not sum to totals due to rounding.

See section C for specific fields that are included in each category.

SOURCE: Tabulated by National Science Foundation/Division of Science Resources Studies; data from Department of Education National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey

Table 16. Master's degrees awarded to women, by major field group: 1966-97

Academic year ending	All fields	Science & engineering fields								Non-S&E fields
		Total	Engineering	Physical sciences	Earth, atmos. & ocean. sciences	Mathematical/ computer sciences	Biological/ agricultural	Psychology	Social sciences	
1966	47,588	5,469	76	483	45	1,018	1,219	798	1,830	42,119
1967	54,713	6,306	78	498	55	1,310	1,353	927	2,085	48,407
1968	63,401	7,209	99	564	71	1,361	1,631	1,011	2,472	56,192
1969	72,533	8,200	113	579	89	1,566	1,766	1,154	2,933	64,333
1970	83,241	9,722	169	722	125	1,809	1,964	1,478	3,455	73,519
1971	92,896	10,338	186	736	116	1,688	2,058	1,651	3,903	82,558
1972	102,689	11,328	271	736	152	1,777	2,186	2,033	4,173	91,361
1973	109,525	11,813	278	669	176	1,730	2,108	2,367	4,485	97,712
1974	119,915	12,711	347	690	197	1,793	2,233	2,630	4,821	107,204
1975	131,536	13,788	372	653	194	1,766	2,275	3,045	5,483	117,748
1976	145,256	15,015	568	605	220	1,690	2,471	3,671	5,790	130,241
1977	150,031	16,498	698	660	226	1,766	2,841	4,004	6,303	133,533
1978	151,108	17,230	843	653	290	1,717	3,020	4,263	6,444	133,878
1979	148,303	17,612	937	679	310	1,632	3,231	4,343	6,480	130,691
1980	147,936	18,085	1,123	638	336	1,800	3,129	4,464	6,595	129,851
1981	149,367	18,861	1,329	675	406	1,848	3,046	4,668	6,889	130,506
1982	150,639	20,011	1,575	747	452	2,220	3,303	4,621	7,093	130,628
1983	145,817	20,999	1,755	685	444	2,493	3,433	5,185	7,004	124,818
1984	141,464	21,533	2,100	846	465	2,775	3,399	5,093	6,855	119,931
1985	143,497	22,331	2,244	830	521	3,053	3,327	5,417	6,939	121,166
1986	145,897	23,219	2,400	913	517	3,530	3,344	5,426	7,089	122,678
1987	148,877	23,844	2,770	890	520	3,797	3,338	5,327	7,202	125,033
1988	154,688	23,835	2,808	891	487	3,841	3,244	5,326	7,238	130,853
1989	161,651	25,580	3,082	1,040	482	3,996	3,313	5,838	7,829	136,071
1990	170,922	26,558	3,269	1,051	378	4,151	3,447	6,283	7,979	144,364
1991	181,603	27,927	3,357	1,074	383	4,247	3,431	6,808	8,627	153,676
1992	191,908	28,950	3,669	1,088	368	4,121	3,658	6,923	9,123	162,958
1993	201,220	30,971	4,094	1,171	391	4,327	3,731	7,484	9,773	170,249
1994	212,246	33,441	4,423	1,233	424	4,222	4,171	8,285	10,683	178,805
1995	220,230	35,791	4,632	1,283	451	4,365	4,329	9,397	11,334	184,439
1996	228,572	37,453	4,752	1,450	436	4,356	5,048	9,373	12,038	191,119
1997	239,497	38,262	4,695	1,333	487	4,468	5,213	9,918	12,148	201,235

NOTE: See section C for specific fields that are included in each category.

SOURCE: Tabulated by National Science Foundation/Division of Science Resources Studies; data from Department of Education National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey

Table 17. Percentage distribution of master's degrees awarded to women, by major field group: 1966-97

Academic year ending	All fields	Science & engineering fields								Non-S&E fields
		Total	Engineering	Physical sciences	Earth, atmos. & ocean. sciences	Mathematical/ computer sciences	Biological/ agricultural	Psychology	Social sciences	
1966	100.0	11.5	0.2	1.0	0.1	2.1	2.6	1.7	3.8	88.5
1967	100.0	11.5	.1	.9	.1	2.4	2.5	1.7	3.8	88.5
1968	100.0	11.4	.2	.9	.1	2.1	2.6	1.6	3.9	88.6
1969	100.0	11.3	.2	.8	.1	2.2	2.4	1.6	4.0	88.7
1970	100.0	11.7	.2	.9	.2	2.2	2.4	1.8	4.2	88.3
1971	100.0	11.1	.2	.8	.1	1.8	2.2	1.8	4.2	88.9
1972	100.0	11.0	.3	.7	.1	1.7	2.1	2.0	4.1	89.0
1973	100.0	10.8	.3	.6	.2	1.6	1.9	2.2	4.1	89.2
1974	100.0	10.6	.3	.6	.2	1.5	1.9	2.2	4.0	89.4
1975	100.0	10.5	.3	.5	.1	1.3	1.7	2.3	4.2	89.5
1976	100.0	10.3	.4	.4	.2	1.2	1.7	2.5	4.0	89.7
1977	100.0	11.0	.5	.4	.2	1.2	1.9	2.7	4.2	89.0
1978	100.0	11.4	.6	.4	.2	1.1	2.0	2.8	4.3	88.6
1979	100.0	11.9	.6	.5	.2	1.1	2.2	2.9	4.4	88.1
1980	100.0	12.2	.8	.4	.2	1.2	2.1	3.0	4.5	87.8
1981	100.0	12.6	.9	.5	.3	1.2	2.0	3.1	4.6	87.4
1982	100.0	13.3	1.0	.5	.3	1.5	2.2	3.1	4.7	86.7
1983	100.0	14.4	1.2	.5	.3	1.7	2.4	3.6	4.8	85.6
1984	100.0	15.2	1.5	.6	.3	2.0	2.4	3.6	4.8	84.8
1985	100.0	15.6	1.6	.6	.4	2.1	2.3	3.8	4.8	84.4
1986	100.0	15.9	1.6	.6	.4	2.4	2.3	3.7	4.9	84.1
1987	100.0	16.0	1.9	.6	.3	2.6	2.2	3.6	4.8	84.0
1988	100.0	15.4	1.8	.6	.3	2.5	2.1	3.4	4.7	84.6
1989	100.0	15.8	1.9	.6	.3	2.5	2.0	3.6	4.8	84.2
1990	100.0	15.5	1.9	.6	.2	2.4	2.0	3.7	4.7	84.5
1991	100.0	15.4	1.8	.6	.2	2.3	1.9	3.7	4.8	84.6
1992	100.0	15.1	1.9	.6	.2	2.1	1.9	3.6	4.8	84.9
1993	100.0	15.4	2.0	.6	.2	2.2	1.9	3.7	4.9	84.6
1994	100.0	15.8	2.1	.6	.2	2.0	2.0	3.9	5.0	84.2
1995	100.0	16.3	2.1	.6	.2	2.0	2.0	4.3	5.1	83.7
1996	100.0	16.4	2.1	.6	.2	1.9	2.2	4.1	5.3	83.6
1997	100.0	16.0	2.0	.6	.2	1.9	2.2	4.1	5.1	84.0

NOTES: Details may not sum to totals due to rounding.

See section C for specific fields that are included in each category.

SOURCE: Tabulated by National Science Foundation/Division of Science Resources Studies; data from Department of Education National Center for Education Statistics' Integrated Postsecondary Education Data System Completions Survey

Table 18. Women as a percentage of all master's degree recipients, by major field group: 1966-97

Academic year ending	All fields	Science & engineering fields								Non-S&E fields
		Total	Engineering	Physical sciences	Earth, atmos. & ocean. sciences	Mathematical/ computer sciences	Biological/ agricultural	Psychology	Social sciences	
1966	33.8	13.3	0.6	11.5	5.9	20.3	20.8	32.9	20.2	42.2
1967	34.7	14.0	.6	11.3	5.7	22.9	20.2	32.0	20.1	42.9
1968	35.8	14.8	.6	12.7	7.0	22.4	22.3	31.2	21.6	43.8
1969	37.3	15.7	.7	12.2	7.9	23.3	22.6	30.9	22.6	45.3
1970	39.8	18.1	1.1	15.1	11.1	25.5	25.8	37.3	25.6	47.2
1971	40.1	18.3	1.1	14.4	9.5	24.9	27.1	37.2	26.2	47.2
1972	40.6	18.9	1.6	15.1	10.8	24.7	26.7	38.4	25.5	47.4
1973	41.4	19.0	1.7	14.0	12.0	24.2	24.8	40.2	25.3	48.3
1974	43.1	20.4	2.3	15.8	11.7	25.2	25.2	39.8	26.2	49.6
1975	44.8	21.8	2.5	15.2	12.9	26.6	25.2	42.9	28.2	51.1
1976	46.4	23.1	3.5	15.6	13.9	26.1	26.8	46.7	29.0	52.5
1977	47.1	24.5	4.4	18.1	13.6	27.2	28.2	48.1	29.7	53.2
1978	48.3	25.6	5.2	17.6	15.8	26.7	30.2	52.0	30.7	54.5
1979	49.1	27.4	6.1	18.6	17.4	26.7	32.3	54.1	33.5	54.9
1980	49.5	28.2	7.0	18.7	18.7	27.6	32.5	56.8	34.8	55.3
1981	50.3	29.3	8.1	20.1	21.6	27.2	33.4	58.1	36.8	56.1
1982	50.8	30.1	9.0	21.4	22.5	29.0	35.9	58.9	37.7	56.8
1983	50.1	31.0	9.3	20.9	22.7	30.5	37.6	61.4	39.2	55.9
1984	49.6	31.4	10.4	23.9	23.5	31.0	39.1	63.1	39.9	55.3
1985	50.0	31.6	10.7	23.0	24.1	30.5	40.5	63.9	40.5	55.9
1986	50.3	32.3	11.4	25.0	23.1	31.4	41.7	64.9	41.2	56.3
1987	51.2	32.8	12.6	24.9	25.4	32.2	42.9	65.2	42.0	57.4
1988	51.5	32.4	12.4	24.0	25.4	30.5	42.9	67.2	42.0	57.8
1989	52.0	33.5	13.0	26.8	26.5	31.1	44.0	67.5	43.5	58.0
1990	52.6	34.1	13.6	27.6	23.7	31.1	45.8	67.5	43.8	58.4
1991	53.6	35.6	14.0	28.4	25.6	32.8	46.3	69.5	45.6	59.1
1992	54.2	35.7	14.7	27.7	25.8	30.9	46.4	70.3	46.3	59.7
1993	54.2	35.8	14.8	29.5	28.0	30.7	46.0	71.9	47.0	59.8
1994	54.6	36.6	15.4	28.9	29.9	29.4	48.0	71.6	47.7	60.1
1995	55.1	38.0	16.2	30.3	30.4	30.1	47.7	71.6	48.7	60.4
1996	55.9	39.3	17.1	33.2	29.3	30.3	49.0	71.9	50.2	60.9
1997	56.9	40.9	18.1	32.2	33.9	31.7	49.5	72.7	51.1	61.5

NOTE: See section C for specific fields that are included in each category.

SOURCE: Tabulated by National Science Foundation/Division of Science Resources Studies, data from Department of Education National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey

Table 19. Doctoral degrees awarded, by major field group: 1966-97

Academic year ending	All fields	Science & engineering fields								Non-S&E fields
		Total	Engineering	Physical sciences	Earth, atmos, & ocean. sciences	Mathematical/ computer sciences	Biological/ agricultural	Psychology	Social sciences	
1966	17,949	11,570	2,301	2,655	404	769	2,711	1,139	1,591	6,379
1967	20,403	13,109	2,607	3,085	415	830	2,966	1,295	1,911	7,294
1968	22,937	14,645	2,864	3,239	434	971	3,511	1,464	2,162	8,292
1969	25,743	16,288	3,276	3,428	496	1,070	3,815	1,766	2,437	9,455
1970	29,498	18,052	3,446	3,893	498	1,225	4,165	1,890	2,935	11,446
1971	31,867	19,381	3,514	3,949	536	1,238	4,557	2,145	3,442	12,486
1972	33,041	19,342	3,509	3,653	598	1,281	4,454	2,279	3,568	13,699
1973	33,755	19,373	3,374	3,444	624	1,233	4,503	2,458	3,737	14,382
1974	33,047	18,714	3,161	3,136	615	1,211	4,304	2,598	3,689	14,333
1975	32,952	18,799	3,011	3,076	625	1,147	4,402	2,751	3,787	14,153
1976	32,946	18,472	2,838	2,861	641	1,003	4,361	2,883	3,885	14,474
1977	31,716	18,008	2,648	2,721	689	964	4,266	2,990	3,730	13,708
1978	30,875	17,653	2,425	2,611	621	959	4,369	3,055	3,613	13,222
1979	31,239	17,872	2,494	2,674	642	979	4,501	3,091	3,491	13,367
1980	31,020	17,775	2,479	2,521	628	962	4,715	3,098	3,372	13,245
1981	31,356	18,257	2,528	2,627	583	960	4,785	3,358	3,416	13,099
1982	31,111	18,275	2,646	2,694	657	940	4,844	3,159	3,335	12,836
1983	31,281	18,635	2,781	2,814	624	987	4,756	3,347	3,326	12,646
1984	31,337	18,748	2,913	2,851	608	993	4,877	3,257	3,249	12,589
1985	31,297	18,935	3,166	2,934	599	998	4,903	3,118	3,217	12,362
1986	31,902	19,437	3,376	3,120	559	1,128	4,804	3,126	3,324	12,465
1987	32,370	19,894	3,712	3,238	602	1,190	4,815	3,173	3,164	12,476
1988	33,500	20,932	4,187	3,350	695	1,264	5,126	3,074	3,236	12,568
1989	34,327	21,732	4,543	3,261	723	1,471	5,202	3,208	3,324	12,595
1990	36,067	22,868	4,894	3,524	738	1,597	5,502	3,281	3,332	13,199
1991	37,534	24,023	5,214	3,626	815	1,839	5,723	3,250	3,556	13,511
1992	38,890	24,675	5,438	3,781	794	1,927	5,862	3,263	3,610	14,215
1993	39,801	25,443	5,698	3,699	771	2,026	6,060	3,420	3,769	14,358
1994	41,034	26,205	5,822	3,977	824	2,021	6,281	3,379	3,901	14,829
1995	41,743	26,535	6,008	3,841	780	2,187	6,412	3,429	3,878	15,208
1996	42,414	27,229	6,305	3,837	794	2,043	6,760	3,491	3,999	15,185
1997	42,555	27,180	6,098	3,762	875	2,030	6,755	3,566	4,094	15,375

NOTE: See section C for specific fields that are included in each category.

SOURCE: Tabulated by National Science Foundation/Division of Science Resources Studies; data from NSF/SRS, Survey of Earned Doctorates

Table 20. Percentage distribution of doctoral degrees awarded, by major field group: 1966-97

Academic year ending	All fields	Science & engineering fields								Non-S&E fields
		Total	Engineering	Physical sciences	Earth, atmos, & ocean. sciences	Mathematical/ computer sciences	Biological/ agricultural	Psychology	Social sciences	
1966	100.0	64.5	12.8	14.8	2.3	4.3	15.1	6.3	8.9	35.5
1967	100.0	64.3	12.8	15.1	2.0	4.1	14.5	6.3	9.4	35.7
1968	100.0	63.8	12.5	14.1	1.9	4.2	15.3	6.4	9.4	36.2
1969	100.0	63.3	12.7	13.3	1.9	4.2	14.8	6.9	9.5	36.7
1970	100.0	61.2	11.7	13.2	1.7	4.2	14.1	6.4	9.9	38.8
1971	100.0	60.8	11.0	12.4	1.7	3.9	14.3	6.7	10.8	39.2
1972	100.0	58.5	10.6	11.1	1.8	3.9	13.5	6.9	10.8	41.5
1973	100.0	57.4	10.0	10.2	1.8	3.7	13.3	7.3	11.1	42.6
1974	100.0	56.6	9.6	9.5	1.9	3.7	13.0	7.9	11.2	43.4
1975	100.0	57.0	9.1	9.3	1.9	3.5	13.4	8.3	11.5	43.0
1976	100.0	56.1	8.6	8.7	1.9	3.0	13.2	8.8	11.8	43.9
1977	100.0	56.8	8.3	8.6	2.2	3.0	13.5	9.4	11.8	43.2
1978	100.0	57.2	7.9	8.5	2.0	3.1	14.2	9.9	11.7	42.8
1979	100.0	57.2	8.0	8.6	2.1	3.1	14.4	9.9	11.2	42.8
1980	100.0	57.3	8.0	8.1	2.0	3.1	15.2	10.0	10.9	42.7
1981	100.0	58.2	8.1	8.4	1.9	3.1	15.3	10.7	10.9	41.8
1982	100.0	58.7	8.5	8.7	2.1	3.0	15.6	10.2	10.7	41.3
1983	100.0	59.6	8.9	9.0	2.0	3.2	15.2	10.7	10.6	40.4
1984	100.0	59.8	9.3	9.1	1.9	3.2	15.6	10.4	10.4	40.2
1985	100.0	60.5	10.1	9.4	1.9	3.2	15.7	10.0	10.3	39.5
1986	100.0	60.9	10.6	9.8	1.8	3.5	15.1	9.8	10.4	39.1
1987	100.0	61.5	11.5	10.0	1.9	3.7	14.9	9.8	9.8	38.5
1988	100.0	62.5	12.5	10.0	2.1	3.8	15.3	9.2	9.7	37.5
1989	100.0	63.3	13.2	9.5	2.1	4.3	15.2	9.3	9.7	36.7
1990	100.0	63.4	13.6	9.8	2.0	4.4	15.3	9.1	9.2	36.6
1991	100.0	64.0	13.9	9.7	2.2	4.9	15.2	8.7	9.5	36.0
1992	100.0	63.4	14.0	9.7	2.0	5.0	15.1	8.4	9.3	36.6
1993	100.0	63.9	14.3	9.3	1.9	5.1	15.2	8.6	9.5	36.1
1994	100.0	63.9	14.2	9.7	2.0	4.9	15.3	8.2	9.5	36.1
1995	100.0	63.6	14.4	9.2	1.9	5.2	15.4	8.2	9.3	36.4
1996	100.0	64.2	14.9	9.0	1.9	4.8	15.9	8.2	9.4	35.8
1997	100.0	63.9	14.3	8.8	2.1	4.8	15.9	8.4	9.6	36.1

NOTES: Details may not sum to totals due to rounding.

See section C for specific fields that are included in each category.

SOURCE: Tabulated by National Science Foundation/Division of Science Resources Studies; data from NSF/SRS, Survey of Earned Doctorates

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Table 21. Doctoral degrees awarded to men, by major field group: 1966-97

Academic year ending	All fields	Science & engineering fields								Non-S&E fields
		Total	Engineering	Physical sciences	Earth, atmos. & ocean sciences	Mathematical/ computer sciences	Biological/ agricultural	Psychology	Social sciences	
1966	15,863	10,646	2,293	2,535	392	722	2,386	894	1,424	5,217
1967	17,961	12,013	2,598	2,930	409	782	2,565	1,030	1,699	5,948
1968	20,005	13,328	2,852	3,064	423	924	3,028	1,131	1,906	6,677
1969	22,355	14,781	3,266	3,242	476	1,014	3,277	1,350	2,156	7,574
1970	25,527	16,404	3,430	3,666	483	1,148	3,627	1,446	2,604	9,123
1971	27,271	17,385	3,498	3,718	523	1,142	3,897	1,615	2,992	9,886
1972	27,754	17,191	3,487	3,404	576	1,185	3,781	1,670	3,088	10,563
1973	27,670	16,853	3,328	3,209	597	1,113	3,714	1,741	3,151	10,817
1974	26,594	16,043	3,127	2,902	581	1,096	3,524	1,797	3,016	10,551
1975	25,751	15,870	2,959	2,812	595	1,038	3,553	1,878	3,035	9,881
1976	25,262	15,375	2,783	2,617	579	890	3,508	1,937	3,061	9,887
1977	23,858	14,775	2,574	2,477	630	837	3,423	1,902	2,932	9,083
1978	22,553	14,199	2,372	2,364	560	828	3,411	1,928	2,736	8,354
1979	22,302	14,128	2,432	2,382	584	833	3,470	1,831	2,596	8,174
1980	21,612	13,814	2,389	2,199	564	846	3,565	1,787	2,464	7,798
1981	21,464	14,056	2,429	2,318	527	822	3,564	1,885	2,511	7,408
1982	21,018	13,925	2,522	2,337	554	824	3,552	1,721	2,415	7,093
1983	20,748	13,920	2,657	2,441	529	838	3,390	1,750	2,315	6,828
1984	20,638	13,956	2,762	2,452	502	841	3,529	1,626	2,244	6,682
1985	20,553	14,044	2,968	2,467	491	859	3,494	1,577	2,188	6,509
1986	20,595	14,270	3,151	2,610	464	959	3,352	1,527	2,207	6,325
1987	20,938	14,582	3,470	2,710	490	1,000	3,284	1,475	2,153	6,356
1988	21,681	15,270	3,901	2,783	560	1,087	3,435	1,393	2,111	6,411
1989	21,814	15,623	4,168	2,642	575	1,208	3,433	1,408	2,189	6,191
1990	22,961	16,498	4,479	2,863	597	1,329	3,641	1,368	2,221	6,463
1991	23,661	17,091	4,747	2,947	636	1,523	3,741	1,254	2,243	6,570
1992	24,454	17,595	4,932	3,011	606	1,602	3,798	1,335	2,311	6,859
1993	24,679	17,791	5,176	2,919	611	1,624	3,782	1,332	2,347	6,888
1994	25,215	18,285	5,187	3,149	641	1,648	3,924	1,278	2,458	6,930
1995	25,329	18,247	5,312	2,963	610	1,736	3,966	1,249	2,411	7,082
1996	25,469	18,583	5,529	2,995	622	1,673	4,063	1,163	2,538	6,886
1997	25,304	18,259	5,351	2,912	666	1,618	4,006	1,197	2,509	7,045

NOTE: See section C for specific fields that are included in each category.

SOURCE: Tabulated by National Science Foundation/Division of Science Resources Studies; data from NSF/SRS, Survey of Earned Doctorates.

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Table 22. Percentage distribution of doctoral degrees awarded to men, by major field group: 1966-97

Academic year ending	All fields	Science & engineering fields								Non-S&E fields
		Total	Engineering	Physical sciences	Earth, atmos, & ocean sciences	Mathematical/ computer sciences	Biological/ agricultural	Psychology	Social sciences	
1966	100.0	67.1	14.5	16.0	2.5	4.6	15.0	5.6	9.0	32.9
1967	100.0	66.9	14.5	16.3	2.3	4.4	14.3	5.7	9.5	33.1
1968	100.0	66.6	14.3	15.3	2.1	4.6	15.1	5.7	9.5	33.4
1969	100.0	66.1	14.6	14.5	2.1	4.5	14.7	6.0	9.6	33.9
1970	100.0	64.3	13.4	14.4	1.9	4.5	14.2	5.7	10.2	35.7
1971	100.0	63.7	12.8	13.6	1.9	4.2	14.3	5.9	11.0	36.3
1972	100.0	61.9	12.6	12.3	2.1	4.3	13.6	6.0	11.1	38.1
1973	100.0	60.9	12.0	11.6	2.2	4.0	13.4	6.3	11.4	39.1
1974	100.0	60.3	11.8	10.9	2.2	4.1	13.3	6.8	11.3	39.7
1975	100.0	61.6	11.5	10.9	2.3	4.0	13.8	7.3	11.8	38.4
1976	100.0	60.9	11.0	10.4	2.3	3.5	13.9	7.7	12.1	39.1
1977	100.0	61.9	10.8	10.4	2.6	3.5	14.3	8.0	12.3	38.1
1978	100.0	63.0	10.5	10.5	2.5	3.7	15.1	8.5	12.1	37.0
1979	100.0	63.3	10.9	10.7	2.6	3.7	15.6	8.2	11.6	36.7
1980	100.0	63.9	11.1	10.2	2.6	3.9	16.5	8.3	11.4	36.1
1981	100.0	65.5	11.3	10.8	2.5	3.8	16.6	8.8	11.7	34.5
1982	100.0	66.3	12.0	11.1	2.6	3.9	16.9	8.2	11.5	33.7
1983	100.0	67.1	12.8	11.8	2.5	4.0	16.3	8.4	11.2	32.9
1984	100.0	67.6	13.4	11.9	2.4	4.1	17.1	7.9	10.9	32.4
1985	100.0	68.3	14.4	12.0	2.4	4.2	17.0	7.7	10.6	31.7
1986	100.0	69.3	15.3	12.7	2.3	4.7	16.3	7.4	10.7	30.7
1987	100.0	69.6	16.6	12.9	2.3	4.8	15.7	7.0	10.3	30.4
1988	100.0	70.4	18.0	12.8	2.6	5.0	15.8	6.4	9.7	29.6
1989	100.0	71.6	19.1	12.1	2.6	5.5	15.7	6.5	10.0	28.4
1990	100.0	71.9	19.5	12.5	2.6	5.8	15.9	6.0	9.7	28.1
1991	100.0	72.2	20.1	12.5	2.7	6.4	15.8	5.3	9.5	27.8
1992	100.0	72.0	20.2	12.3	2.5	6.6	15.5	5.5	9.5	28.0
1993	100.0	72.1	21.0	11.8	2.5	6.6	15.3	5.4	9.5	27.9
1994	100.0	72.5	20.6	12.5	2.5	6.5	15.6	5.1	9.7	27.5
1995	100.0	72.0	21.0	11.7	2.4	6.9	15.7	4.9	9.5	28.0
1996	100.0	73.0	21.7	11.8	2.4	6.6	16.0	4.6	10.0	27.0
1997	100.0	72.2	21.1	11.5	2.6	6.4	15.8	4.7	9.9	27.8

NOTES: Details may not sum to totals due to rounding.

See section C for specific fields that are included in each category.

SOURCE: Tabulated by National Science Foundation/Division of Science Resources Studies; data from NSF/SRS, Survey of Earned Doctorates

Table 23. Doctoral degrees awarded to women, by major field group: 1966-97

Academic year ending	All fields	Science & engineering fields								Non-S&E fields
		Total	Engineering	Physical sciences	Earth, atmos, & ocean. sciences	Mathematical/ computer sciences	Biological/ agricultural	Psychology	Social sciences	
1966	2,086	924	8	120	12	47	325	245	167	1,162
1967	2,442	1,096	9	155	6	48	401	265	212	1,346
1968	2,932	1,317	12	175	11	47	483	333	256	1,615
1969	3,388	1,507	10	186	20	56	538	416	281	1,881
1970	3,971	1,648	16	227	15	77	538	444	331	2,323
1971	4,596	1,996	16	231	13	96	660	530	450	2,600
1972	5,287	2,151	22	249	22	96	673	609	480	3,136
1973	6,085	2,520	46	235	27	120	789	717	586	3,565
1974	6,453	2,671	34	234	34	115	780	801	673	3,782
1975	7,201	2,929	52	264	30	109	849	873	752	4,272
1976	7,684	3,097	55	244	62	113	853	946	824	4,587
1977	7,858	3,233	74	244	59	127	843	1,088	798	4,625
1978	8,322	3,454	53	247	61	131	958	1,127	877	4,868
1979	8,937	3,744	62	292	58	146	1,031	1,260	895	5,193
1980	9,408	3,961	90	322	64	116	1,150	1,311	908	5,447
1981	9,892	4,201	99	309	56	138	1,221	1,473	905	5,691
1982	10,093	4,350	124	357	103	116	1,292	1,438	920	5,743
1983	10,533	4,715	124	373	95	149	1,366	1,597	1,011	5,818
1984	10,699	4,792	151	399	106	152	1,348	1,631	1,005	5,907
1985	10,744	4,891	198	467	108	139	1,409	1,541	1,029	5,853
1986	11,307	5,167	225	510	95	169	1,452	1,599	1,117	6,140
1987	11,432	5,312	242	528	112	190	1,531	1,698	1,011	6,120
1988	11,819	5,662	286	567	135	177	1,691	1,681	1,125	6,157
1989	12,513	6,109	375	619	148	263	1,769	1,800	1,135	6,404
1990	13,106	6,370	415	661	141	268	1,861	1,913	1,111	6,736
1991	13,873	6,932	467	679	179	316	1,982	1,996	1,313	6,941
1992	14,436	7,080	506	770	188	325	2,064	1,928	1,299	7,356
1993	15,122	7,652	522	780	160	402	2,278	2,088	1,422	7,470
1994	15,819	7,920	635	828	183	373	2,357	2,101	1,443	7,899
1995	16,414	8,288	696	878	170	451	2,446	2,180	1,467	8,126
1996	16,945	8,646	776	842	172	370	2,697	2,328	1,461	8,299
1997	17,251	8,921	747	850	209	412	2,749	2,369	1,585	8,330

NOTE: See section C for specific fields that are included in each category.

SOURCE: Tabulated by National Science Foundation/Division of Science Resources Studies; data from NSF/SRS, Survey of Earned Doctorates

Table 24. Percentage distribution of doctoral degrees awarded to women, by major field group: 1966-97

Academic year ending	All fields	Science & engineering fields								Non-S&E fields
		Total	Engineering	Physical sciences	Earth, atmos, & ocean. sciences	Mathematical/ computer sciences	Biological/ agricultural	Psychology	Social sciences	
1966	100.0	44.3	0.4	5.8	0.6	2.3	15.6	11.7	8.0	55.7
1967	100.0	44.9	.4	6.3	.2	2.0	16.4	10.9	8.7	55.1
1968	100.0	44.9	.4	6.0	.4	1.6	16.5	11.4	8.7	55.1
1969	100.0	44.5	.3	5.5	.6	1.7	15.9	12.3	8.3	55.5
1970	100.0	41.5	.4	5.7	.4	1.9	13.5	11.2	8.3	58.5
1971	100.0	43.4	.3	5.0	.3	2.1	14.4	11.5	9.8	56.6
1972	100.0	40.7	.4	4.7	.4	1.8	12.7	11.5	9.1	59.3
1973	100.0	41.4	.8	3.9	.4	2.0	13.0	11.8	9.6	58.6
1974	100.0	41.4	.5	3.6	.5	1.8	12.1	12.4	10.4	58.6
1975	100.0	40.7	.7	3.7	.4	1.5	11.8	12.1	10.4	59.3
1976	100.0	40.3	.7	3.2	.8	1.5	11.1	12.3	10.7	59.7
1977	100.0	41.1	.9	3.1	.8	1.6	10.7	13.8	10.2	58.9
1978	100.0	41.5	.6	3.0	.7	1.6	11.5	13.5	10.5	58.5
1979	100.0	41.9	.7	3.3	.6	1.6	11.5	14.1	10.0	58.1
1980	100.0	42.1	1.0	3.4	.7	1.2	12.2	13.9	9.7	57.9
1981	100.0	42.5	1.0	3.1	.6	1.4	12.3	14.9	9.1	57.5
1982	100.0	43.1	1.2	3.5	1.0	1.1	12.8	14.2	9.1	56.9
1983	100.0	44.8	1.2	3.5	.9	1.4	13.0	15.2	9.6	55.2
1984	100.0	44.8	1.4	3.7	1.0	1.4	12.6	15.2	9.4	55.2
1985	100.0	45.5	1.8	4.3	1.0	1.3	13.1	14.3	9.6	54.5
1986	100.0	45.7	2.0	4.5	.8	1.5	12.8	14.1	9.9	54.3
1987	100.0	46.5	2.1	4.6	1.0	1.7	13.4	14.9	8.8	53.5
1988	100.0	47.9	2.4	4.8	1.1	1.5	14.3	14.2	9.5	52.1
1989	100.0	48.8	3.0	4.9	1.2	2.1	14.1	14.4	9.1	51.2
1990	100.0	48.6	3.2	5.0	1.1	2.0	14.2	14.6	8.5	51.4
1991	100.0	50.0	3.4	4.9	1.3	2.3	14.3	14.4	9.5	50.0
1992	100.0	49.0	3.5	5.3	1.3	2.3	14.3	13.4	9.0	51.0
1993	100.0	50.6	3.5	5.2	1.1	2.7	15.1	13.8	9.4	49.4
1994	100.0	50.1	4.0	5.2	1.2	2.4	14.9	13.3	9.1	49.9
1995	100.0	50.5	4.2	5.3	1.0	2.7	14.9	13.3	8.9	49.5
1996	100.0	51.0	4.6	5.0	1.0	2.2	15.9	13.7	8.6	49.0
1997	100.0	51.7	4.3	4.9	1.2	2.4	15.9	13.7	9.2	48.3

NOTES: Details may not sum to totals due to rounding.

See section C for specific fields that are included in each category.

SOURCE: Tabulated by National Science Foundation/Division of Science Resources Studies; data from NSF/SRS, Survey of Earned Doctorates.

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Table 25. Women as a percentage of all doctorate recipients, by major field group: 1966-97

Academic year ending	All fields	Science & engineering fields								Non-S&E fields
		Total	Engineering	Physical sciences	Earth, atmos, & ocean sciences	Mathematical/ computer sciences	Biological/ agricultural	Psychology	Social sciences	
1966	11.6	8.0	0.3	4.5	3.0	6.1	12.0	21.5	10.5	18.2
1967	12.0	8.4	.3	5.0	1.4	5.8	13.5	20.5	11.1	18.5
1968	12.8	9.0	.4	5.4	2.5	4.8	13.8	22.7	11.8	19.5
1969	13.2	9.3	.3	5.4	4.0	5.2	14.1	23.6	11.5	19.9
1970	13.5	9.1	.5	5.8	3.0	6.3	12.9	23.5	11.3	20.3
1971	14.4	10.3	.5	5.8	2.4	7.8	14.5	24.7	13.1	20.8
1972	16.0	11.1	.6	6.8	3.7	7.5	15.1	26.7	13.5	22.9
1973	18.0	13.0	1.4	6.8	4.3	9.7	17.5	29.2	15.7	24.8
1974	19.5	14.3	1.1	7.5	5.5	9.5	18.1	30.8	18.2	26.4
1975	21.9	15.6	1.7	8.6	4.8	9.5	19.3	31.7	19.9	30.2
1976	23.3	16.8	1.9	8.5	9.7	11.3	19.6	32.8	21.2	31.7
1977	24.8	18.0	2.8	9.0	8.6	13.2	19.8	36.4	21.4	33.7
1978	27.0	19.6	2.2	9.5	9.8	13.7	21.9	36.9	24.3	36.8
1979	28.6	20.9	2.5	10.9	9.0	14.9	22.9	40.8	25.6	38.8
1980	30.3	22.3	3.6	12.8	10.2	12.1	24.4	42.3	26.9	41.1
1981	31.5	23.0	3.9	11.8	9.6	14.4	25.5	43.9	26.5	43.4
1982	32.4	23.8	4.7	13.3	15.7	12.3	26.7	45.5	27.6	44.7
1983	33.7	25.3	4.5	13.3	15.2	15.1	28.7	47.7	30.4	46.0
1984	34.1	25.6	5.2	14.0	17.4	15.3	27.6	50.1	30.9	46.9
1985	34.3	25.8	6.3	15.9	18.0	13.9	28.7	49.4	32.0	47.3
1986	35.4	26.6	6.7	16.3	17.0	15.0	30.2	51.2	33.6	49.3
1987	35.3	26.7	6.5	16.3	18.6	16.0	31.8	53.5	32.0	49.1
1988	35.3	27.0	6.8	16.9	19.4	14.0	33.0	54.7	34.8	49.0
1989	36.5	28.1	8.3	19.0	20.5	17.9	34.0	56.1	34.1	50.8
1990	36.3	27.9	8.5	18.8	19.1	16.8	33.8	58.3	33.3	51.0
1991	37.0	28.9	9.0	18.7	22.0	17.2	34.6	61.4	36.9	51.4
1992	37.1	28.7	9.3	20.4	23.7	16.9	35.2	59.1	36.0	51.7
1993	38.0	30.1	9.2	21.1	20.8	19.8	37.6	61.1	37.7	52.0
1994	38.6	30.2	10.9	20.8	22.2	18.5	37.5	62.2	37.0	53.3
1995	39.3	31.2	11.6	22.9	21.8	20.6	38.1	63.6	37.8	53.4
1996	40.0	31.8	12.3	21.9	21.7	18.1	39.9	66.7	36.5	54.7
1997	40.5	32.8	12.2	22.6	23.9	20.3	40.7	66.4	38.7	54.2

NOTE: See section C for specific fields that are included in each category.

SOURCE: Tabulated by National Science Foundation/Division of Science Resources Studies, data from NSF/SRS, Survey of Earned Doctorates.

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Table 26. Engineering degrees awarded, by degree level and sex of recipient: 1966-97

Academic year ending	Bachelor's			Master's			Doctoral		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1966	35,826	35,680	146	13,705	13,629	76	2,301	2,293	8
1967	36,197	36,013	184	13,921	13,843	78	2,607	2,598	9
1968	37,680	37,464	216	15,232	15,133	99	2,864	2,852	12
1969	41,582	41,270	312	15,248	15,135	113	3,276	3,266	10
1970	44,770	44,433	337	15,597	15,428	169	3,446	3,430	16
1971	45,248	44,887	361	16,367	16,181	186	3,514	3,498	16
1972	45,711	45,219	492	16,764	16,493	271	3,509	3,487	22
1973	46,779	46,203	576	16,545	16,267	278	3,374	3,328	46
1974	43,248	42,550	698	15,205	14,858	347	3,161	3,127	34
1975	39,824	38,979	845	15,167	14,795	372	3,011	2,959	52
1976	38,790	37,473	1,317	16,045	15,477	568	2,838	2,783	55
1977	41,357	39,313	2,044	16,012	15,314	698	2,648	2,574	74
1978	47,251	43,769	3,482	16,080	15,237	843	2,425	2,372	53
1979	53,469	48,588	4,881	15,279	14,342	937	2,494	2,432	62
1980	58,810	52,858	5,952	15,943	14,820	1,123	2,479	2,389	90
1981	63,717	56,654	7,063	16,451	15,122	1,329	2,528	2,429	99
1982	67,460	59,185	8,275	17,557	15,982	1,575	2,646	2,522	124
1983	72,670	63,018	9,652	18,886	17,131	1,755	2,781	2,657	124
1984	76,153	65,424	10,729	20,145	18,045	2,100	2,913	2,762	151
1985	77,572	66,326	11,246	20,972	18,728	2,244	3,166	2,968	198
1986	76,820	65,682	11,138	21,096	18,696	2,400	3,376	3,151	225
1987	74,425	63,021	11,404	22,070	19,300	2,770	3,712	3,470	242
1988	70,154	59,375	10,779	22,726	19,918	2,808	4,187	3,901	286
1989	66,947	56,759	10,188	23,743	20,661	3,082	4,543	4,168	375
1990	64,705	54,732	9,973	23,995	20,726	3,269	4,894	4,479	415
1991	62,187	52,522	9,665	24,013	20,656	3,357	5,214	4,747	467
1992	61,941	52,305	9,636	25,018	21,349	3,669	5,438	4,932	506
1993	62,705	52,724	9,981	27,664	23,570	4,094	5,698	5,176	522
1994	63,012	52,609	10,403	28,717	24,294	4,423	5,822	5,187	635
1995	63,371	52,421	10,950	28,630	23,998	4,632	6,008	5,312	696
1996	63,114	51,798	11,316	27,761	23,009	4,752	6,305	5,529	776
1997	62,352	50,882	11,470	25,874	21,179	4,695	6,098	5,351	747

NOTES: See section C for specific fields that are included in this field of study.

For data on Engineering Technologies, see table 59.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Studies; data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey; and NSF/SRS, Survey of Earned Doctorates

Table 27. Aeronautical/astronautical engineering degrees awarded, by degree level and sex of recipient: 1966-97

Academic year ending	Bachelor's			Master's			Doctoral		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1966	1,683	1,678	5	798	792	6	109	109	0
1967	1,914	1,900	14	802	800	2	142	142	0
1968	2,072	2,060	12	841	835	6	166	165	1
1969	2,625	2,606	19	835	828	7	197	197	0
1970	2,756	2,736	20	749	746	3	204	202	2
1971	2,443	2,426	17	717	711	6	198	195	3
1972	2,180	2,160	20	687	680	7	181	181	0
1973	1,738	1,720	18	563	561	2	167	165	2
1974	1,210	1,192	18	557	548	9	148	145	3
1975	1,174	1,150	24	477	470	7	141	139	2
1976	1,009	980	29	479	469	10	122	122	0
1977	1,078	1,050	28	385	377	8	115	112	3
1978	1,186	1,125	61	411	400	11	103	102	1
1979	1,386	1,320	66	372	355	17	81	81	0
1980	1,424	1,342	82	382	373	9	81	80	1
1981	1,809	1,680	129	408	388	20	97	97	0
1982	2,120	1,949	171	521	482	39	86	85	1
1983	2,127	1,955	172	491	454	37	106	104	2
1984	2,534	2,359	175	562	535	27	119	117	2
1985	2,854	2,613	241	605	574	31	124	119	5
1986	2,902	2,654	248	621	578	43	118	117	1
1987	2,989	2,741	248	737	682	55	142	132	10
1988	3,092	2,794	298	797	734	63	150	141	9
1989	2,944	2,643	301	855	791	64	178	170	8
1990	3,048	2,705	343	1,029	947	82	192	188	4
1991	2,869	2,545	324	941	855	86	207	200	7
1992	2,996	2,658	338	933	850	83	234	226	8
1993	2,735	2,419	316	1,047	941	106	228	220	8
1994	2,330	2,035	295	1,038	938	100	230	219	11
1995	1,771	1,541	230	821	722	99	252	238	14
1996	1,642	1,395	247	774	682	92	287	263	24
1997	1,290	1,088	202	625	550	75	270	254	16

NOTE: See section C for specific fields that are included in this field of study.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Studies; data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey; and NSF/SRS, Survey of Earned Doctorates

Table 28. Chemical engineering degrees awarded, by degree level and sex of recipient: 1966-97

Academic year ending	Bachelor's			Master's			Doctoral		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1966	2,981	2,958	23	1,072	1,065	7	367	365	2
1967	2,997	2,969	28	1,028	1,021	7	330	327	3
1968	3,395	3,365	30	1,251	1,237	14	377	374	3
1969	3,768	3,715	53	1,227	1,216	11	422	419	3
1970	3,995	3,938	57	1,127	1,109	18	457	454	3
1971	3,907	3,843	64	1,200	1,173	27	407	403	4
1972	3,967	3,887	80	1,259	1,230	29	391	389	2
1973	3,968	3,874	94	1,139	1,117	22	424	420	4
1974	3,826	3,706	120	1,111	1,080	31	418	409	9
1975	3,420	3,273	147	1,078	1,051	27	396	391	5
1976	3,543	3,254	289	1,129	1,088	41	335	327	8
1977	3,986	3,534	452	1,179	1,110	69	329	319	10
1978	5,205	4,453	752	1,335	1,245	90	282	277	5
1979	6,442	5,387	1,055	1,276	1,156	120	315	306	9
1980	7,276	5,989	1,287	1,393	1,249	144	316	302	14
1981	7,639	6,274	1,365	1,406	1,230	176	317	306	11
1982	8,059	6,447	1,612	1,409	1,222	187	333	314	19
1983	8,550	6,761	1,789	1,545	1,369	176	392	369	23
1984	9,192	7,115	2,077	1,798	1,590	208	409	382	27
1985	8,941	6,848	2,093	1,814	1,529	285	504	463	41
1986	7,411	5,805	1,606	1,641	1,401	240	531	470	61
1987	6,114	4,574	1,540	1,386	1,143	243	584	524	60
1988	4,654	3,522	1,132	1,322	1,107	215	685	620	65
1989	4,187	3,017	1,170	1,321	1,092	229	712	632	80
1990	3,834	2,745	1,089	1,205	1,013	192	658	580	78
1991	3,728	2,564	1,164	1,025	852	173	691	608	83
1992	4,123	2,854	1,269	1,145	914	231	725	612	113
1993	4,899	3,335	1,564	1,220	996	224	737	643	94
1994	5,636	3,953	1,683	1,287	1,008	279	725	612	113
1995	6,391	4,367	2,024	1,369	1,063	306	708	599	109
1996	6,708	4,537	2,171	1,416	1,110	306	798	655	143
1997	6,977	4,701	2,276	1,345	1,013	332	767	645	122

NOTE: See section C for specific fields that are included in this field of study.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Studies; data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey; and NSF/SRS, Survey of Earned Doctorates.

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Table 29. Civil engineering degrees awarded, by degree level and sex of recipient: 1966-97

Academic year ending	Bachelor's			Master's			Doctoral		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1966	5,611	5,588	23	2,218	2,209	9	293	293	0
1967	5,439	5,411	28	2,225	2,204	21	307	306	1
1968	5,796	5,765	31	2,435	2,418	17	368	368	0
1969	6,282	6,235	47	2,426	2,406	20	364	363	1
1970	6,800	6,747	53	2,503	2,473	30	366	365	1
1971	6,939	6,879	60	2,700	2,656	44	427	426	1
1972	7,258	7,181	77	2,869	2,821	48	437	435	2
1973	8,013	7,924	89	3,195	3,135	60	435	426	9
1974	8,633	8,488	145	3,247	3,164	83	390	387	3
1975	8,289	8,116	173	3,268	3,161	107	361	356	5
1976	8,493	8,214	279	3,605	3,454	151	388	382	6
1977	8,898	8,413	485	3,606	3,421	185	336	328	8
1978	9,900	9,141	759	3,226	3,030	196	303	295	8
1979	10,583	9,534	1,049	3,165	2,951	214	302	298	4
1980	11,046	9,959	1,087	3,198	2,933	265	306	295	11
1981	11,331	10,100	1,231	3,428	3,112	316	358	348	10
1982	11,280	9,962	1,318	3,456	3,104	352	368	351	17
1983	10,747	9,263	1,484	3,504	3,122	382	397	384	13
1984	10,351	8,928	1,423	3,551	3,136	415	408	383	25
1985	9,730	8,388	1,342	3,542	3,128	414	391	371	20
1986	9,223	7,994	1,229	3,281	2,908	373	429	408	21
1987	8,746	7,550	1,196	3,267	2,792	475	477	459	18
1988	8,131	6,960	1,171	3,134	2,721	413	531	501	30
1989	8,015	6,841	1,174	3,296	2,851	445	538	484	54
1990	7,992	6,730	1,262	3,213	2,693	520	553	504	49
1991	8,083	6,803	1,280	3,404	2,864	540	575	534	41
1992	8,920	7,395	1,525	3,755	3,120	635	594	544	50
1993	9,788	8,009	1,779	4,438	3,607	831	624	570	54
1994	10,603	8,619	1,984	4,918	3,965	953	684	604	80
1995	11,329	9,031	2,298	5,168	4,123	1,045	656	580	76
1996	12,053	9,629	2,424	5,002	3,938	1,064	697	618	79
1997	12,010	9,441	2,569	4,880	3,781	1,099	655	575	80

NOTE: See section C for specific fields that are included in this field of study.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Studies; data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey; and NSF/SRS, Survey of Earned Doctorates

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Table 30. Electrical engineering degrees awarded, by degree level and sex of recipient: 1966-97

Academic year ending	Bachelor's			Master's			Doctoral		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1966	11,007	10,978	29	3,872	3,850	22	569	567	2
1967	10,843	10,801	42	3,953	3,942	11	675	675	0
1968	10,725	10,682	43	4,226	4,204	22	741	741	0
1969	11,695	11,629	66	4,033	4,011	22	829	826	3
1970	12,288	12,220	68	4,138	4,109	29	857	854	3
1971	12,288	12,212	76	4,282	4,252	30	862	858	4
1972	12,181	12,099	82	4,209	4,157	52	815	810	5
1973	12,377	12,219	158	3,899	3,850	49	787	780	7
1974	11,419	11,302	117	3,499	3,444	55	678	675	3
1975	10,246	10,116	130	3,471	3,413	58	714	698	16
1976	9,874	9,681	193	3,774	3,670	104	711	696	15
1977	10,018	9,750	268	3,788	3,654	134	667	646	21
1978	11,213	10,778	435	3,742	3,600	142	539	522	17
1979	12,440	11,781	659	3,596	3,453	143	611	600	11
1980	13,902	13,000	902	3,842	3,658	184	540	523	17
1981	15,040	13,940	1,100	3,902	3,681	221	549	527	22
1982	16,553	15,142	1,411	4,465	4,177	288	616	594	22
1983	19,205	17,283	1,922	4,819	4,484	335	625	612	13
1984	21,541	19,252	2,289	5,519	5,081	438	660	645	15
1985	23,668	20,936	2,732	5,649	5,154	495	716	681	35
1986	26,112	22,885	3,227	6,147	5,508	639	806	768	38
1987	26,791	23,227	3,564	6,895	6,178	717	779	747	32
1988	25,942	22,418	3,524	7,455	6,642	813	1,010	962	48
1989	24,318	21,130	3,188	7,849	6,933	916	1,137	1,070	67
1990	23,015	20,148	2,867	8,009	7,018	991	1,276	1,192	84
1991	21,520	18,757	2,763	7,942	7,008	934	1,405	1,326	79
1992	20,256	17,801	2,455	8,274	7,229	1,045	1,483	1,368	115
1993	19,598	17,339	2,259	8,828	7,777	1,051	1,543	1,418	125
1994	18,241	15,990	2,251	8,870	7,721	1,149	1,673	1,526	147
1995	17,579	15,409	2,170	8,743	7,539	1,204	1,731	1,558	173
1996	16,667	14,695	1,972	8,156	6,960	1,196	1,740	1,571	169
1997	16,434	14,416	2,018	7,341	6,197	1,144	1,718	1,568	150

NOTE: See section C for specific fields that are included in this field of study.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Studies; data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey; and NSF/SRS, Survey of Earned Doctorates.

Table 31. Industrial engineering degrees awarded, by degree level and sex of recipient: 1966-97

Academic year ending	Bachelor's			Master's			Doctoral		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1966	2,335	2,325	10	1,200	1,194	6	46	46	0
1967	2,366	2,357	9	1,341	1,331	10	61	59	2
1968	2,727	2,712	15	1,512	1,503	9	74	73	1
1969	3,000	2,984	16	1,453	1,445	8	111	110	1
1970	3,199	3,178	21	1,763	1,746	17	117	117	0
1971	3,210	3,190	20	1,921	1,898	23	134	132	2
1972	3,713	3,673	40	1,731	1,706	25	142	142	0
1973	3,508	3,477	31	1,595	1,566	29	109	107	2
1974	2,921	2,877	44	1,734	1,689	45	92	91	1
1975	2,583	2,524	59	1,687	1,631	56	92	90	2
1976	2,241	2,154	87	1,751	1,670	81	67	65	2
1977	2,264	2,115	149	1,609	1,534	75	73	68	5
1978	2,712	2,389	323	1,722	1,584	138	51	49	2
1979	2,804	2,376	428	1,502	1,374	128	82	77	5
1980	3,217	2,672	545	1,313	1,180	133	77	70	7
1981	3,878	3,111	767	1,631	1,465	166	66	60	6
1982	4,044	3,092	952	1,656	1,446	210	79	73	6
1983	3,824	2,824	1,000	1,432	1,226	206	86	80	6
1984	4,020	2,949	1,071	1,557	1,279	278	84	68	16
1985	4,009	2,842	1,167	1,463	1,236	227	92	86	6
1986	4,255	2,974	1,281	1,653	1,374	279	101	87	14
1987	4,313	2,929	1,384	1,728	1,409	319	120	107	13
1988	4,259	3,014	1,245	1,816	1,492	324	127	108	19
1989	4,121	2,860	1,261	1,823	1,465	358	162	144	18
1990	4,041	2,835	1,206	1,834	1,493	341	151	126	25
1991	3,820	2,723	1,097	2,039	1,603	436	165	148	17
1992	4,029	2,890	1,139	2,370	1,898	472	196	171	25
1993	3,584	2,547	1,037	2,745	2,190	555	236	209	27
1994	3,453	2,439	1,014	2,882	2,346	536	228	195	33
1995	3,519	2,493	1,026	2,873	2,361	512	284	234	50
1996	3,727	2,630	1,097	3,027	2,403	624	258	207	51
1997	3,997	2,918	1,079	2,935	2,331	604	242	205	37

NOTE: See section C for specific fields that are included in this field of study.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Studies; data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey; and NSF/SRS, Survey of Earned Doctorates

Table 32. Mechanical engineering degrees awarded, by degree level and sex of recipient: 1966-97

Academic year ending	Bachelor's			Master's			Doctoral		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1966	7,811	7,792	19	2,154	2,147	7	457	456	1
1967	7,890	7,870	20	2,176	2,169	7	537	535	2
1968	7,930	7,898	32	2,136	2,130	6	597	595	2
1969	8,514	8,474	40	2,299	2,295	4	646	646	0
1970	9,310	9,271	39	2,298	2,286	12	635	633	2
1971	9,177	9,134	43	2,502	2,495	7	611	611	0
1972	8,784	8,735	49	2,552	2,527	25	616	614	2
1973	8,795	8,732	63	2,396	2,374	22	541	534	7
1974	7,883	7,817	66	2,058	2,031	27	544	537	7
1975	7,089	7,005	84	2,032	2,012	20	487	483	4
1976	6,984	6,834	150	2,088	2,056	32	417	413	4
1977	7,927	7,685	242	2,094	2,039	55	372	366	6
1978	9,100	8,628	472	2,095	2,029	66	377	374	3
1979	10,360	9,740	620	2,012	1,939	73	366	361	5
1980	12,020	11,127	893	2,194	2,087	107	384	377	7
1981	13,573	12,422	1,151	2,419	2,292	127	360	354	6
1982	14,315	13,049	1,266	2,539	2,388	151	437	420	17
1983	16,031	14,546	1,485	2,683	2,517	166	379	371	8
1984	17,040	15,228	1,812	2,964	2,765	199	427	412	15
1985	17,200	15,399	1,801	3,272	3,044	228	513	487	26
1986	16,586	14,876	1,710	3,256	3,002	254	536	518	18
1987	15,723	13,996	1,727	3,380	3,133	247	657	640	17
1988	15,331	13,567	1,764	3,513	3,218	295	715	686	29
1989	15,217	13,537	1,680	3,703	3,377	326	760	731	29
1990	14,693	12,978	1,715	3,630	3,276	354	884	846	38
1991	14,263	12,673	1,590	3,680	3,320	360	875	818	57
1992	14,352	12,791	1,561	3,826	3,455	371	987	942	45
1993	14,708	13,076	1,632	4,169	3,769	400	1,030	973	57
1994	15,297	13,554	1,743	4,277	3,860	417	1,015	946	69
1995	15,141	13,441	1,700	4,368	3,918	450	1,025	961	64
1996	14,509	12,773	1,736	4,009	3,555	454	1,052	974	78
1997	13,806	12,171	1,635	3,756	3,337	419	1,017	929	88

NOTE: See section C for specific fields that are included in this field of study.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Studies; data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey; and NSF/SRS, Survey of Earned Doctorates

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Table 33. Materials/metallurgy engineering degrees awarded, by degree level and sex of recipient: 1966-97

Academic year ending	Bachelor's			Master's			Doctoral		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1966	792	785	7	400	397	3	211	209	2
1967	836	828	8	444	443	1	267	266	1
1968	881	863	18	460	458	2	215	213	2
1969	952	942	10	441	435	6	280	279	1
1970	977	967	10	429	423	6	303	302	1
1971	916	903	13	480	472	8	306	305	1
1972	909	893	16	524	513	11	294	291	3
1973	885	870	15	582	569	13	299	292	7
1974	821	789	32	521	508	13	280	277	3
1975	711	676	35	500	483	17	272	267	5
1976	704	661	43	475	447	28	252	244	8
1977	738	679	59	504	481	23	248	238	10
1978	835	728	107	506	468	38	247	242	5
1979	1,045	862	183	529	475	54	236	228	8
1980	1,303	1,076	227	598	539	59	273	259	14
1981	1,434	1,164	270	666	587	79	234	217	17
1982	1,696	1,372	324	632	560	72	255	238	17
1983	1,392	1,104	288	672	567	105	268	238	30
1984	1,355	1,033	322	726	605	121	271	245	26
1985	1,276	990	286	713	600	113	303	271	32
1986	1,259	924	335	810	673	137	305	281	24
1987	1,152	854	298	765	600	165	392	347	45
1988	1,211	891	320	749	597	152	374	341	33
1989	1,114	853	261	815	634	181	380	335	45
1990	1,166	895	271	802	650	152	440	391	49
1991	1,166	912	254	787	607	180	489	412	77
1992	1,091	846	245	796	653	143	485	424	61
1993	1,216	956	260	849	682	167	535	457	78
1994	1,106	866	240	910	723	187	539	456	83
1995	1,046	799	247	852	668	184	588	493	95
1996	1,004	781	223	774	599	175	572	489	83
1997	1,063	804	259	724	550	174	580	474	106

NOTE: See section C for specific fields that are included in this field of study.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Studies; data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey; and NSF/SRS, Survey of Earned Doctorates

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Table 34. Other engineering degrees awarded, by degree level and sex of recipient: 1966-97

Academic year ending	Bachelor's			Master's			Doctoral		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1966	3,606	3,576	30	1,991	1,975	16	249	248	1
1967	3,912	3,877	35	1,952	1,933	19	288	288	0
1968	4,154	4,119	35	2,371	2,348	23	326	323	3
1969	4,746	4,685	61	2,534	2,499	35	427	426	1
1970	5,445	5,376	69	2,590	2,536	54	507	503	4
1971	6,368	6,300	68	2,565	2,524	41	569	568	1
1972	6,719	6,591	128	2,933	2,859	74	633	625	8
1973	7,495	7,387	108	3,176	3,095	81	612	604	8
1974	6,535	6,379	156	2,478	2,394	84	611	606	5
1975	6,312	6,119	193	2,654	2,574	80	548	535	13
1976	5,942	5,695	247	2,744	2,623	121	546	534	12
1977	6,448	6,087	361	2,847	2,698	149	508	497	11
1978	7,100	6,527	573	3,043	2,881	162	523	511	12
1979	8,409	7,588	821	2,827	2,639	188	501	481	20
1980	8,622	7,693	929	3,023	2,801	222	502	483	19
1981	9,013	7,963	1,050	2,591	2,367	224	547	520	27
1982	9,393	8,172	1,221	2,879	2,603	276	472	447	25
1983	10,794	9,282	1,512	3,740	3,392	348	528	499	29
1984	10,120	8,560	1,560	3,468	3,054	414	535	510	25
1985	9,894	8,310	1,584	3,914	3,463	451	523	490	33
1986	9,072	7,570	1,502	3,687	3,252	435	550	502	48
1987	8,597	7,150	1,447	3,912	3,363	549	561	514	47
1988	7,534	6,209	1,325	3,940	3,407	533	595	542	53
1989	7,031	5,878	1,153	4,081	3,518	563	676	602	74
1990	6,916	5,696	1,220	4,273	3,636	637	740	652	88
1991	6,738	5,545	1,193	4,195	3,547	648	807	701	106
1992	6,174	5,070	1,104	3,919	3,230	689	734	645	89
1993	6,177	5,043	1,134	4,368	3,608	760	765	686	79
1994	6,346	5,153	1,193	4,535	3,733	802	728	629	99
1995	6,595	5,340	1,255	4,436	3,604	832	764	649	115
1996	6,804	5,358	1,446	4,603	3,762	841	901	752	149
1997	6,775	5,343	1,432	4,268	3,420	848	849	701	148

NOTE: See section C for specific fields that are included in this field of study.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Studies; data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey; and NSF/SRS, Survey of Earned Doctorates

Table 35. Physical science degrees awarded, by degree level and sex of recipient: 1966-97

Academic year ending	Bachelor's			Master's			Doctoral		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1966	15,462	13,290	2,172	4,206	3,723	483	2,655	2,535	120
1967	15,847	13,642	2,205	4,405	3,907	498	3,085	2,930	155
1968	17,037	14,602	2,435	4,456	3,892	564	3,239	3,064	175
1969	18,623	15,962	2,661	4,755	4,176	579	3,428	3,242	186
1970	18,173	15,547	2,626	4,796	4,074	722	3,893	3,666	227
1971	17,948	15,317	2,631	5,115	4,379	736	3,949	3,718	231
1972	16,814	14,161	2,653	4,864	4,128	736	3,653	3,404	249
1973	16,415	13,826	2,589	4,769	4,100	669	3,444	3,209	235
1974	16,453	13,686	2,767	4,379	3,689	690	3,136	2,902	234
1975	16,001	12,990	3,011	4,298	3,645	653	3,076	2,812	264
1976	16,497	13,280	3,217	3,880	3,275	605	2,861	2,617	244
1977	16,937	13,560	3,377	3,641	2,981	660	2,721	2,477	244
1978	17,143	13,453	3,690	3,713	3,060	653	2,611	2,364	247
1979	17,257	13,358	3,899	3,650	2,971	679	2,674	2,382	292
1980	17,470	13,285	4,185	3,408	2,770	638	2,521	2,199	322
1981	17,446	13,137	4,309	3,366	2,691	675	2,627	2,318	309
1982	17,263	12,737	4,526	3,491	2,744	747	2,694	2,337	357
1983	16,197	11,586	4,611	3,285	2,600	685	2,814	2,441	373
1984	15,831	11,175	4,656	3,544	2,698	846	2,851	2,452	399
1985	16,270	11,434	4,836	3,605	2,775	830	2,934	2,467	467
1986	15,784	11,088	4,696	3,649	2,736	913	3,120	2,610	510
1987	15,464	10,792	4,672	3,574	2,684	890	3,238	2,710	528
1988	14,255	9,673	4,582	3,708	2,817	891	3,350	2,783	567
1989	14,148	9,777	4,371	3,876	2,836	1,040	3,261	2,642	619
1990	13,425	9,106	4,319	3,805	2,754	1,051	3,524	2,863	661
1991	13,678	9,253	4,425	3,777	2,703	1,074	3,626	2,947	679
1992	13,875	9,289	4,586	3,922	2,834	1,088	3,781	3,011	770
1993	14,188	9,424	4,764	3,965	2,794	1,171	3,699	2,919	780
1994	14,655	9,588	5,067	4,263	3,030	1,233	3,977	3,149	828
1995	14,897	9,605	5,292	4,241	2,958	1,283	3,841	2,963	878
1996	15,396	9,694	5,702	4,364	2,914	1,450	3,837	2,995	842
1997	15,264	9,382	5,882	4,141	2,808	1,333	3,762	2,912	850

NOTE: See section C for specific fields that are included in this field of study.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Studies; data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey; and NSF/SRS, Survey of Earned Doctorates.

Table 36. Astronomy degrees awarded, by degree level and sex of recipient: 1966-97

Academic year ending	Bachelor's			Master's			Doctoral		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1966	86	76	10	59	50	9	66	63	3
1967	100	89	11	69	58	11	64	59	5
1968	115	93	22	80	68	12	98	89	9
1969	118	107	11	107	100	7	112	105	7
1970	139	120	19	92	83	9	111	103	8
1971	136	127	9	108	94	14	113	105	8
1972	159	135	24	167	155	12	129	121	8
1973	143	117	26	92	80	12	131	125	6
1974	179	144	35	89	77	12	133	127	6
1975	143	115	28	113	98	15	131	119	12
1976	166	149	17	89	81	8	150	139	11
1977	152	131	21	81	67	14	120	111	9
1978	128	102	26	95	83	12	138	131	7
1979	120	100	20	116	101	15	115	107	8
1980	122	98	24	79	70	9	121	108	13
1981	129	103	26	58	49	9	109	98	11
1982	113	92	21	80	69	11	102	86	16
1983	96	72	24	68	56	12	115	100	15
1984	95	75	20	67	57	10	98	86	12
1985	119	89	30	91	76	15	100	89	11
1986	149	126	23	83	72	11	109	100	9
1987	130	107	23	71	55	16	100	87	13
1988	126	107	19	88	71	17	130	114	16
1989	164	127	37	100	85	15	113	96	17
1990	140	97	43	105	83	22	128	108	20
1991	151	112	39	98	79	19	125	111	14
1992	138	97	41	113	81	32	134	115	19
1993	167	120	47	135	106	29	145	120	25
1994	163	117	46	129	98	31	144	119	25
1995	169	117	52	119	88	31	173	143	30
1996	148	93	55	115	88	27	192	151	41
1997	140	94	46	93	61	32	196	160	36

NOTE: See section C for specific fields that are included in this field of study.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Studies; data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey; and NSF/SRS, Survey of Earned Doctorates

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Table 37. Chemistry degrees awarded, by degree level and sex of recipient: 1966-97

Academic year ending	Bachelor's			Master's			Doctoral		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1966	9,735	7,934	1,801	1,839	1,484	355	1,594	1,496	98
1967	9,872	8,101	1,771	1,831	1,484	347	1,773	1,655	118
1968	10,847	8,882	1,965	2,014	1,596	418	1,803	1,662	141
1969	11,807	9,651	2,156	2,070	1,689	381	1,967	1,820	147
1970	11,617	9,501	2,116	2,146	1,666	480	2,238	2,056	182
1971	11,183	9,088	2,095	2,284	1,792	492	2,211	2,036	175
1972	10,721	8,601	2,120	2,259	1,754	505	2,019	1,816	203
1973	10,226	8,259	1,967	2,230	1,763	467	1,855	1,676	179
1974	10,525	8,413	2,112	2,138	1,664	474	1,797	1,620	177
1975	10,649	8,264	2,385	2,006	1,590	416	1,776	1,582	194
1976	11,107	8,610	2,497	1,796	1,413	383	1,624	1,435	189
1977	11,322	8,720	2,602	1,775	1,327	448	1,571	1,391	180
1978	11,474	8,593	2,881	1,892	1,447	445	1,544	1,349	195
1979	11,643	8,530	3,113	1,765	1,318	447	1,566	1,347	219
1980	11,446	8,169	3,277	1,733	1,286	447	1,538	1,283	255
1981	11,540	8,065	3,475	1,667	1,194	473	1,612	1,376	236
1982	11,316	7,703	3,613	1,758	1,261	497	1,680	1,407	273
1983	11,039	7,303	3,736	1,632	1,167	465	1,758	1,461	297
1984	10,912	7,087	3,825	1,677	1,139	538	1,765	1,445	320
1985	10,701	6,807	3,894	1,734	1,166	568	1,836	1,474	362
1986	10,317	6,573	3,744	1,764	1,165	599	1,903	1,507	396
1987	9,830	6,156	3,674	1,750	1,181	569	1,975	1,569	406
1988	9,158	5,506	3,652	1,702	1,148	554	2,015	1,588	427
1989	8,822	5,391	3,431	1,800	1,131	669	1,970	1,471	499
1990	8,289	4,965	3,324	1,711	1,038	673	2,100	1,597	503
1991	8,461	5,046	3,415	1,676	993	683	2,194	1,677	517
1992	8,829	5,236	3,593	1,791	1,090	701	2,214	1,635	579
1993	9,109	5,365	3,744	1,853	1,110	743	2,137	1,555	582
1994	9,641	5,672	3,969	2,010	1,183	827	2,257	1,632	625
1995	10,016	5,783	4,233	2,105	1,220	885	2,162	1,501	661
1996	10,713	6,091	4,622	2,273	1,275	998	2,148	1,543	605
1997	10,926	6,043	4,883	2,268	1,341	927	2,143	1,531	612

NOTE: See section C for specific fields that are included in this field of study.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Studies; data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey; and NSF/SRS, Survey of Earned Doctorates.

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Table 38. Physics degrees awarded, by degree level and sex of recipient: 1966-97

Academic year ending	Bachelor's			Master's			Doctoral		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1966	4,608	4,384	224	1,949	1,869	80	995	976	19
1967	4,733	4,466	267	2,111	2,015	96	1,248	1,216	32
1968	5,045	4,749	296	2,088	1,993	95	1,338	1,313	25
1969	5,535	5,213	322	2,259	2,139	120	1,349	1,317	32
1970	5,333	5,004	329	2,205	2,047	158	1,544	1,507	37
1971	5,076	4,733	343	2,194	2,042	152	1,625	1,577	48
1972	4,645	4,322	323	2,035	1,876	159	1,505	1,467	38
1973	4,268	3,955	313	1,755	1,642	113	1,458	1,408	50
1974	3,962	3,625	337	1,662	1,526	136	1,206	1,155	51
1975	3,716	3,354	362	1,577	1,453	124	1,169	1,111	58
1976	3,544	3,156	388	1,451	1,319	132	1,087	1,043	44
1977	3,420	3,062	358	1,319	1,193	126	1,030	975	55
1978	3,330	2,961	369	1,294	1,171	123	929	884	45
1979	3,338	2,939	399	1,319	1,184	135	993	928	65
1980	3,397	2,963	434	1,192	1,074	118	862	808	54
1981	3,441	3,009	432	1,294	1,179	115	906	844	62
1982	3,475	3,014	461	1,284	1,128	156	912	844	68
1983	3,800	3,317	483	1,370	1,208	162	928	869	59
1984	3,921	3,361	560	1,535	1,341	194	982	915	67
1985	4,111	3,550	561	1,523	1,333	190	980	889	91
1986	4,189	3,578	611	1,501	1,277	224	1,078	978	100
1987	4,324	3,629	695	1,543	1,300	243	1,137	1,030	107
1988	4,103	3,492	611	1,681	1,428	253	1,172	1,058	114
1989	4,347	3,705	642	1,739	1,448	291	1,161	1,060	101
1990	4,193	3,514	679	1,819	1,523	296	1,265	1,135	130
1991	4,245	3,575	670	1,725	1,441	284	1,286	1,144	142
1992	4,107	3,435	672	1,834	1,539	295	1,403	1,236	167
1993	4,080	3,403	677	1,781	1,463	318	1,399	1,230	169
1994	4,005	3,295	710	1,952	1,655	297	1,548	1,373	175
1995	3,836	3,161	675	1,826	1,535	291	1,479	1,297	182
1996	3,703	3,019	684	1,686	1,385	301	1,484	1,291	193
1997	3,393	2,741	652	1,497	1,242	255	1,401	1,208	193

NOTE: See section C for specific fields that are included in this field of study.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Studies; data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey; and NSF/SRS, Survey of Earned Doctorates.

Table 39. Other physical science degrees awarded, by degree level and sex of recipient: 1966-97

Academic year ending	Bachelor's			Master's			Doctoral		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1966	1,033	896	137	359	320	39	NA	NA	NA
1967	1,142	986	156	394	350	44	NA	NA	NA
1968	1,030	878	152	274	235	39	NA	NA	NA
1969	1,163	991	172	319	248	71	NA	NA	NA
1970	1,084	922	162	353	278	75	NA	NA	NA
1971	1,553	1,369	184	529	451	78	NA	NA	NA
1972	1,289	1,103	186	403	343	60	NA	NA	NA
1973	1,778	1,495	283	692	615	77	NA	NA	NA
1974	1,787	1,504	283	490	422	68	NA	NA	NA
1975	1,493	1,257	236	602	504	98	NA	NA	NA
1976	1,680	1,365	315	544	462	82	NA	NA	NA
1977	2,043	1,647	396	466	394	72	NA	NA	NA
1978	2,211	1,797	414	432	359	73	NA	NA	NA
1979	2,156	1,789	367	450	368	82	NA	NA	NA
1980	2,505	2,055	450	404	340	64	NA	NA	NA
1981	2,336	1,960	376	347	269	78	NA	NA	NA
1982	2,359	1,928	431	369	286	83	NA	NA	NA
1983	1,262	894	368	215	169	46	13	11	2
1984	903	652	251	265	161	104	6	6	0
1985	1,339	988	351	257	200	57	18	15	3
1986	1,129	811	318	301	222	79	30	25	5
1987	1,180	900	280	210	148	62	26	24	2
1988	868	568	300	237	170	67	33	23	10
1989	815	554	261	237	172	65	17	15	2
1990	803	530	273	170	110	60	31	23	8
1991	821	520	301	278	190	88	21	15	6
1992	801	521	280	184	124	60	30	25	5
1993	832	536	296	196	115	81	18	14	4
1994	846	504	342	172	94	78	28	25	3
1995	876	544	332	191	115	76	27	22	5
1996	832	491	341	290	166	124	13	10	3
1997	805	504	301	283	164	119	22	13	9

NOTE: See section C for specific fields that are included in this field of study.

KEY: NA = Not available

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Studies; data from Department of Education/National Center for Education Statistics' Integrated Postsecondary Education Data System Completions Survey; and NSF/SRS, Survey of Earned Doctorates

Table 40. Earth, atmospheric, and oceanographic science degrees awarded, by degree level and sex of recipient: 1966-97

Academic year ending	Bachelor's			Master's			Doctoral		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1966	1,712	1,551	161	759	714	45	404	392	12
1967	1,936	1,739	197	971	916	55	415	409	6
1968	2,339	2,105	234	1,008	937	71	434	423	11
1969	2,924	2,633	291	1,124	1,035	89	496	476	20
1970	3,351	3,008	343	1,124	999	125	498	483	15
1971	3,562	3,179	383	1,227	1,111	116	536	523	13
1972	4,055	3,560	495	1,408	1,256	152	598	576	22
1973	4,374	3,842	532	1,470	1,294	176	624	597	27
1974	4,823	4,055	768	1,679	1,482	197	615	581	34
1975	4,877	4,050	827	1,503	1,309	194	625	595	30
1976	5,046	4,124	922	1,581	1,361	220	641	579	62
1977	5,653	4,479	1,174	1,659	1,433	226	689	630	59
1978	6,003	4,709	1,294	1,832	1,542	290	621	560	61
1979	6,082	4,695	1,387	1,777	1,467	310	642	584	58
1980	6,155	4,693	1,462	1,793	1,457	336	628	564	64
1981	6,694	5,028	1,666	1,876	1,470	406	583	527	56
1982	7,061	5,254	1,807	2,012	1,560	452	657	554	103
1983	7,298	5,450	1,848	1,959	1,515	444	624	529	95
1984	7,925	5,991	1,934	1,982	1,517	465	608	502	106
1985	7,576	5,715	1,861	2,160	1,639	521	599	491	108
1986	6,076	4,722	1,354	2,234	1,717	517	559	464	95
1987	4,689	3,629	1,060	2,051	1,531	520	602	490	112
1988	3,554	2,707	847	1,920	1,433	487	695	560	135
1989	3,181	2,380	801	1,819	1,337	482	723	575	148
1990	2,776	2,001	775	1,596	1,218	378	738	597	141
1991	2,728	1,946	782	1,499	1,116	383	815	636	179
1992	3,201	2,177	1,024	1,425	1,057	368	794	606	188
1993	3,503	2,453	1,050	1,397	1,006	391	771	611	160
1994	3,868	2,665	1,203	1,418	994	424	824	641	183
1995	4,478	2,954	1,524	1,483	1,032	451	780	610	170
1996	4,457	2,972	1,485	1,487	1,051	436	794	622	172
1997	4,466	2,924	1,542	1,435	948	487	875	666	209

NOTE: See section C for specific fields that are included in this field of study.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Studies; data from Department of Education/National Center for Education Statistics' Integrated Postsecondary Education Data System Completions Survey; and NSF/SRS, Survey of Earned Doctorates.

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Table 41. Atmospheric science degrees awarded, by degree level and sex of recipient: 1966-97

Academic year ending	Bachelor's			Master's			Doctoral		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1966	184	181	3	97	95	2	34	33	1
1967	212	208	4	169	164	5	40	39	1
1968	222	217	5	112	110	2	47	46	1
1969	228	215	13	140	135	5	48	48	0
1970	232	231	1	134	131	3	55	52	3
1971	249	245	4	153	149	4	59	59	0
1972	289	273	16	168	164	4	78	76	2
1973	251	242	9	174	165	9	58	57	1
1974	294	279	15	195	188	7	57	55	2
1975	306	285	21	183	173	10	45	43	2
1976	365	329	36	197	180	17	76	68	8
1977	373	338	35	213	201	12	93	84	9
1978	353	318	35	199	187	12	77	74	3
1979	326	289	37	181	165	16	84	81	3
1980	367	325	42	170	156	14	90	82	8
1981	359	302	57	174	154	20	75	72	3
1982	412	346	66	164	140	24	65	61	4
1983	396	330	66	183	159	24	97	91	6
1984	478	380	98	246	213	33	81	73	8
1985	414	346	68	236	196	40	80	76	4
1986	355	296	59	204	172	32	78	70	8
1987	345	284	61	216	187	29	87	73	14
1988	348	291	57	191	155	36	103	92	11
1989	330	278	52	206	174	32	87	77	10
1990	360	286	74	198	174	24	83	69	14
1991	360	303	57	172	138	34	108	92	16
1992	412	331	81	180	147	33	120	93	27
1993	369	305	64	202	161	41	99	81	18
1994	405	329	76	197	150	47	129	103	26
1995	444	362	82	203	152	51	130	107	23
1996	434	348	86	199	164	35	125	103	22
1997	431	348	83	177	135	42	148	123	25

NOTE: See section C for specific fields that are included in this field of study.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Studies; data from Department of Education/National Center for Education Statistics, Integrated Postsecondary Education Data System Completions Survey; and NSF/SRS, Survey of Earned Doctorates

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Table 42. Geoscience degrees awarded, by degree level and sex of recipient: 1966-97

Academic year ending	Bachelor's			Master's			Doctoral		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1966	1,510	1,353	157	594	557	37	331	320	11
1967	1,685	1,494	191	706	659	47	327	323	4
1968	2,043	1,819	224	787	724	63	338	329	9
1969	2,583	2,310	273	861	784	77	406	389	17
1970	3,002	2,668	334	847	735	112	377	367	10
1971	3,085	2,712	373	922	822	100	424	412	12
1972	3,410	2,939	471	1,067	937	130	420	402	18
1973	3,831	3,327	504	1,142	988	154	423	406	17
1974	4,292	3,553	739	1,285	1,106	179	424	406	18
1975	4,318	3,530	788	1,151	979	172	417	400	17
1976	4,441	3,568	873	1,232	1,046	186	415	385	30
1977	4,998	3,896	1,102	1,300	1,109	191	420	383	37
1978	5,416	4,185	1,231	1,456	1,199	257	373	336	37
1979	5,467	4,153	1,314	1,435	1,165	270	383	345	38
1980	5,536	4,170	1,366	1,481	1,186	295	388	353	35
1981	6,110	4,550	1,560	1,527	1,175	352	354	321	33
1982	6,429	4,731	1,698	1,682	1,301	381	406	341	65
1983	6,774	5,007	1,767	1,673	1,279	394	368	315	53
1984	7,285	5,477	1,808	1,617	1,216	401	383	321	62
1985	7,001	5,244	1,757	1,806	1,361	445	385	310	75
1986	5,555	4,292	1,263	1,895	1,444	451	346	278	68
1987	4,189	3,218	971	1,729	1,272	457	375	299	76
1988	3,061	2,298	763	1,630	1,209	421	425	343	82
1989	2,707	1,995	712	1,511	1,099	412	455	363	92
1990	2,256	1,600	656	1,316	991	325	477	392	85
1991	2,214	1,530	684	1,195	887	308	560	436	124
1992	2,573	1,709	864	1,102	805	297	503	388	115
1993	2,901	1,978	923	1,052	756	296	479	390	89
1994	3,266	2,194	1,072	1,073	745	328	509	414	95
1995	3,820	2,456	1,364	1,142	789	353	454	363	91
1996	3,838	2,504	1,334	1,146	799	347	452	364	88
1997	3,830	2,445	1,385	1,145	752	393	487	369	118

NOTE: See section C for specific fields that are included in this field of study.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Studies; data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey; and NSF/SRS, Survey of Earned Doctorates

Table 43. Oceanography degrees awarded, by degree level and sex of recipient: 1966-97

Academic year ending	Bachelor's			Master's			Doctoral		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1966	18	17	1	68	62	6	39	39	0
1967	39	37	2	96	93	3	48	47	1
1968	74	69	5	109	103	6	49	48	1
1969	113	108	5	123	116	7	42	39	3
1970	117	109	8	143	133	10	66	64	2
1971	228	222	6	152	140	12	53	52	1
1972	356	348	8	173	155	18	78	77	1
1973	292	273	19	154	141	13	88	84	4
1974	237	223	14	199	188	11	81	73	8
1975	253	235	18	169	157	12	86	83	3
1976	240	227	13	152	135	17	89	75	14
1977	282	245	37	146	123	23	122	116	6
1978	234	206	28	177	156	21	126	112	14
1979	289	253	36	161	137	24	122	112	10
1980	252	198	54	142	115	27	110	95	15
1981	225	176	49	175	141	34	100	91	9
1982	220	177	43	166	119	47	133	110	23
1983	128	113	15	103	77	26	109	84	25
1984	162	134	28	119	88	31	99	72	27
1985	161	125	36	118	82	36	92	69	23
1986	166	134	32	135	101	34	100	89	11
1987	155	127	28	106	72	34	111	95	16
1988	145	118	27	99	69	30	109	83	26
1989	144	107	37	102	64	38	113	87	26
1990	160	115	45	82	53	29	128	97	31
1991	154	113	41	132	91	41	112	86	26
1992	216	137	79	143	105	38	114	85	29
1993	233	170	63	143	89	54	125	90	35
1994	197	142	55	148	99	49	125	87	38
1995	214	136	78	138	91	47	115	87	28
1996	185	120	65	142	88	54	134	95	39
1997	205	131	74	113	61	52	144	106	38

NOTE: See section C for specific fields that are included in this field of study.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Studies; data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey; and NSF/SRS, Survey of Earned Doctorates.

Table 44. Mathematical/computer science degrees awarded, by degree level and sex of recipient: 1966-97

Academic year ending	Bachelor's			Master's			Doctoral		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1966	20,179	13,477	6,702	5,010	3,992	1,018	769	722	47
1967	21,530	14,196	7,334	5,733	4,423	1,310	830	782	48
1968	24,084	15,243	8,841	6,081	4,720	1,361	971	924	47
1969	28,263	17,915	10,348	6,735	5,169	1,566	1,070	1,014	56
1970	29,109	18,593	10,516	7,107	5,298	1,809	1,225	1,148	77
1971	27,306	17,488	9,818	6,789	5,101	1,688	1,238	1,142	96
1972	27,250	17,466	9,784	7,186	5,409	1,777	1,281	1,185	96
1973	27,528	17,543	9,985	7,146	5,416	1,730	1,233	1,113	120
1974	26,570	16,851	9,719	7,116	5,323	1,793	1,211	1,096	115
1975	23,385	14,729	8,656	6,637	4,871	1,766	1,147	1,038	109
1976	21,749	14,071	7,678	6,466	4,776	1,690	1,003	890	113
1977	20,729	13,241	7,488	6,496	4,730	1,766	964	837	127
1978	19,925	12,815	7,110	6,421	4,704	1,717	959	828	131
1979	20,670	13,249	7,421	6,101	4,469	1,632	979	833	146
1980	22,686	14,439	8,247	6,515	4,715	1,800	962	846	116
1981	26,406	16,672	9,734	6,787	4,939	1,848	960	822	138
1982	32,139	19,966	12,173	7,666	5,446	2,220	940	824	116
1983	37,344	22,802	14,542	8,177	5,684	2,493	987	838	149
1984	45,946	27,893	18,053	8,960	6,185	2,775	993	841	152
1985	54,510	32,985	21,525	10,004	6,951	3,053	998	859	139
1986	58,726	35,920	22,806	11,254	7,724	3,530	1,128	959	169
1987	56,442	34,871	21,571	11,808	8,011	3,797	1,190	1,000	190
1988	50,877	32,112	18,765	12,600	8,759	3,841	1,264	1,087	177
1989	46,277	29,682	16,595	12,829	8,833	3,996	1,471	1,208	263
1990	42,369	27,184	15,185	13,327	9,176	4,151	1,597	1,329	268
1991	40,194	25,700	14,494	12,956	8,709	4,247	1,839	1,523	316
1992	39,889	25,693	14,196	13,320	9,199	4,121	1,927	1,602	325
1993	39,433	25,483	13,950	14,100	9,773	4,327	2,026	1,624	402
1994	39,185	25,397	13,788	14,350	10,128	4,222	2,021	1,648	373
1995	38,620	25,066	13,554	14,495	10,130	4,365	2,187	1,736	451
1996	37,621	24,857	12,764	14,355	9,999	4,356	2,043	1,673	370
1997	38,116	25,324	12,792	14,088	9,620	4,468	2,030	1,618	412

NOTE: See section C for specific fields that are included in this field of study.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Studies; data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey; and NSF/SRS, Survey of Earned Doctorates.

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Table 45. Mathematics degrees awarded, by degree level and sex of recipient: 1966-97

Academic year ending	Bachelor's			Master's			Doctoral		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1966	20,090	13,401	6,689	4,772	3,771	1,001	769	722	47
1967	21,308	13,998	7,310	5,284	4,000	1,284	830	782	48
1968	23,625	14,839	8,786	5,533	4,202	1,331	971	924	47
1969	27,330	17,103	10,227	5,723	4,230	1,493	1,070	1,014	56
1970	27,565	17,248	10,317	5,648	3,974	1,674	1,225	1,148	77
1971	24,918	15,424	9,494	5,201	3,677	1,524	1,238	1,142	96
1972	23,848	14,525	9,323	5,209	3,657	1,552	1,281	1,185	96
1973	23,223	13,878	9,345	5,033	3,528	1,505	1,232	1,113	119
1974	21,813	12,874	8,939	4,840	3,340	1,500	1,211	1,096	115
1975	18,346	10,646	7,700	4,338	2,910	1,428	1,147	1,038	109
1976	16,085	9,531	6,554	3,863	2,550	1,313	1,003	890	113
1977	14,303	8,354	5,949	3,698	2,398	1,300	933	811	122
1978	12,701	7,455	5,246	3,383	2,233	1,150	838	718	120
1979	11,901	6,943	4,958	3,046	1,989	1,057	769	650	119
1980	11,473	6,625	4,848	2,868	1,832	1,036	744	649	95
1981	11,173	6,392	4,781	2,569	1,692	877	728	616	112
1982	11,708	6,650	5,058	2,731	1,821	910	720	624	96
1983	12,662	7,112	5,550	2,856	1,871	985	701	588	113
1984	13,511	7,524	5,987	2,770	1,806	964	698	583	115
1985	15,389	8,295	7,094	2,903	1,887	1,016	688	582	106
1986	16,531	8,851	7,680	3,184	2,066	1,118	729	608	121
1987	16,515	8,833	7,682	3,327	2,026	1,301	740	615	125
1988	15,981	8,569	7,412	3,434	2,057	1,377	749	628	121
1989	15,314	8,264	7,050	3,430	2,060	1,370	859	704	155
1990	14,674	7,863	6,811	3,684	2,208	1,476	892	734	158
1991	14,784	7,804	6,980	3,632	2,146	1,486	1,039	840	199
1992	14,931	7,945	6,986	3,665	2,219	1,446	1,058	853	205
1993	14,853	7,854	6,999	3,751	2,219	1,532	1,146	882	264
1994	14,632	7,864	6,768	3,804	2,311	1,493	1,118	882	236
1995	13,851	7,360	6,491	3,932	2,353	1,579	1,190	925	265
1996	13,076	7,084	5,992	3,742	2,236	1,506	1,122	891	231
1997	12,723	6,834	5,889	3,599	2,110	1,489	1,125	862	263

NOTE: See section C for specific fields that are included in this field of study.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Studies; data from Department of Education/National Center for Education Statistics' Integrated Postsecondary Education Data System Completions Survey, and NSF/SRS, Survey of Earned Doctorates.

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Table 46. Computer science degrees awarded, by degree level and sex of recipient: 1966-97

Academic year ending	Bachelor's			Master's			Doctoral [1]		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1966	89	76	13	238	221	17	19	19	0
1967	222	198	24	449	423	26	38	37	1
1968	459	404	55	548	518	30	36	36	0
1969	933	812	121	1,012	939	73	64	62	2
1970	1,544	1,345	199	1,459	1,324	135	107	105	2
1971	2,388	2,064	324	1,588	1,424	164	128	125	3
1972	3,402	2,941	461	1,977	1,752	225	167	155	12
1973	4,305	3,665	640	2,113	1,888	225	196	181	15
1974	4,757	3,977	780	2,276	1,983	293	198	189	9
1975	5,039	4,083	956	2,299	1,961	338	213	199	14
1976	5,664	4,540	1,124	2,603	2,226	377	244	221	23
1977	6,426	4,887	1,539	2,798	2,332	466	216	197	19
1978	7,224	5,360	1,864	3,038	2,471	567	196	181	15
1979	8,769	6,306	2,463	3,055	2,480	575	210	183	27
1980	11,213	7,814	3,399	3,647	2,883	764	218	197	21
1981	15,233	10,280	4,953	4,218	3,247	971	232	206	26
1982	20,431	13,316	7,115	4,935	3,625	1,310	220	200	20
1983	24,682	15,690	8,992	5,321	3,813	1,508	286	250	36
1984	32,435	20,369	12,066	6,190	4,379	1,811	295	258	37
1985	39,121	24,690	14,431	7,101	5,064	2,037	310	277	33
1986	42,195	27,069	15,126	8,070	5,658	2,412	399	351	48
1987	39,927	26,038	13,889	8,481	5,985	2,496	450	385	65
1988	34,896	23,543	11,353	9,166	6,702	2,464	515	459	56
1989	30,963	21,418	9,545	9,399	6,773	2,626	612	504	108
1990	27,695	19,321	8,374	9,643	6,968	2,675	705	595	110
1991	25,410	17,896	7,514	9,324	6,563	2,761	800	683	117
1992	24,958	17,748	7,210	9,655	6,980	2,675	869	749	120
1993	24,580	17,629	6,951	10,349	7,554	2,795	880	742	138
1994	24,553	17,533	7,020	10,546	7,817	2,729	903	766	137
1995	24,769	17,706	7,063	10,563	7,777	2,786	997	811	186
1996	24,545	17,773	6,772	10,613	7,763	2,850	921	782	139
1997	25,393	18,490	6,903	10,489	7,510	2,979	905	756	149

[1] Data on computer science were not collected on the Survey of Earned Doctorates until 1978-79. Data shown for 1966-78 are from the Completions Survey and are not included in other aggregations.

NOTE: See section C for specific fields that are included in this field of study.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Studies; data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey; and NSF/SRS, Survey of Earned Doctorates.

Table 47. Biological science/agricultural science degrees awarded by degree level and sex of recipient: 1966-97

Academic year ending	Bachelor's			Master's			Doctoral		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1966	29,804	22,339	7,465	5,865	4,646	1,219	2,711	2,386	325
1967	32,489	24,541	7,948	6,712	5,359	1,353	2,966	2,565	401
1968	36,141	27,175	8,966	7,309	5,678	1,631	3,511	3,028	483
1969	41,280	31,190	10,090	7,799	6,033	1,766	3,815	3,277	538
1970	44,447	33,747	10,700	7,619	5,655	1,964	4,165	3,627	538
1971	45,728	34,712	11,016	7,604	5,546	2,058	4,557	3,897	660
1972	48,291	36,514	11,777	8,200	6,014	2,186	4,454	3,781	673
1973	54,687	40,908	13,779	8,514	6,406	2,108	4,503	3,714	789
1974	61,906	45,174	16,732	8,866	6,633	2,233	4,304	3,524	780
1975	66,321	46,937	19,384	9,030	6,755	2,275	4,402	3,553	849
1976	70,004	48,168	21,836	9,223	6,752	2,471	4,361	3,508	853
1977	70,589	47,339	23,250	10,060	7,219	2,841	4,266	3,423	843
1978	69,215	44,852	24,363	10,001	6,981	3,020	4,369	3,411	958
1979	66,781	41,994	24,787	10,016	6,785	3,231	4,501	3,470	1,031
1980	63,942	38,931	25,011	9,631	6,502	3,129	4,715	3,565	1,150
1981	59,922	35,265	24,657	9,107	6,061	3,046	4,785	3,564	1,221
1982	57,535	33,222	24,313	9,199	5,896	3,303	4,844	3,552	1,292
1983	55,411	31,132	24,279	9,136	5,703	3,433	4,756	3,390	1,366
1984	52,351	29,108	23,243	8,702	5,303	3,399	4,877	3,529	1,348
1985	51,312	28,172	23,140	8,208	4,881	3,327	4,903	3,494	1,409
1986	50,441	27,488	22,953	8,023	4,679	3,344	4,804	3,352	1,452
1987	48,571	26,168	22,403	7,775	4,437	3,338	4,815	3,284	1,531
1988	46,925	24,550	22,375	7,556	4,312	3,244	5,126	3,435	1,691
1989	45,531	23,852	21,679	7,523	4,210	3,313	5,202	3,433	1,769
1990	46,451	24,050	22,401	7,527	4,080	3,447	5,502	3,641	1,861
1991	48,783	25,007	23,776	7,406	3,975	3,431	5,723	3,741	1,982
1992	54,193	27,473	26,720	7,885	4,227	3,658	5,862	3,798	2,064
1993	59,621	30,439	29,182	8,112	4,381	3,731	6,060	3,782	2,278
1994	65,268	33,347	31,921	8,686	4,515	4,171	6,281	3,924	2,357
1995	71,470	35,915	35,555	9,069	4,740	4,329	6,412	3,966	2,446
1996	78,469	39,100	39,369	10,307	5,259	5,048	6,760	4,063	2,697
1997	82,500	39,967	42,533	10,521	5,308	5,213	6,755	4,006	2,749

NOTE: See section C for specific fields that are included in this field of study.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Studies; data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey; and NSF/SRS, Survey of Earned Doctorates

Table 48. Agricultural science degrees awarded, by degree level and sex of recipient: 1966-97

Academic year ending	Bachelor's			Master's			Doctoral		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1966	6,327	6,196	131	1,641	1,569	72	576	568	8
1967	7,013	6,855	158	1,724	1,652	72	606	594	12
1968	7,431	7,182	249	1,792	1,715	77	684	677	7
1969	8,892	8,527	365	2,034	1,937	97	723	711	12
1970	10,144	9,686	458	1,784	1,664	120	804	781	23
1971	9,695	9,250	445	1,848	1,733	115	903	874	29
1972	10,653	10,023	630	2,074	1,915	159	854	824	30
1973	12,015	11,060	955	2,220	2,036	184	855	824	31
1974	13,050	11,696	1,354	2,285	2,066	219	820	779	41
1975	14,085	12,117	1,968	2,439	2,140	299	905	862	43
1976	15,091	12,374	2,717	2,602	2,234	368	788	738	50
1977	16,396	12,865	3,531	2,906	2,481	425	782	726	56
1978	17,002	12,862	4,140	3,150	2,560	590	853	788	65
1979	17,205	12,523	4,682	3,137	2,498	639	855	775	80
1980	16,831	11,796	5,035	3,095	2,391	704	912	815	97
1981	15,876	10,805	5,071	3,092	2,386	706	982	848	134
1982	15,108	10,158	4,950	3,268	2,446	822	951	800	151
1983	14,528	9,206	5,322	3,395	2,467	928	1,015	882	133
1984	12,712	8,160	4,552	3,262	2,293	969	997	864	133
1985	11,907	7,737	4,170	3,113	2,215	898	1,110	939	171
1986	10,932	7,092	3,840	2,975	2,050	925	997	825	172
1987	9,524	6,129	3,395	2,776	1,882	894	976	805	171
1988	9,237	5,942	3,295	2,746	1,873	873	1,015	829	186
1989	8,582	5,557	3,025	2,570	1,719	851	1,086	859	227
1990	8,411	5,419	2,992	2,634	1,687	947	1,174	928	246
1991	8,432	5,292	3,140	2,600	1,660	940	1,073	864	209
1992	10,301	6,352	3,949	3,037	1,909	1,128	1,063	830	233
1993	11,632	7,294	4,338	3,272	2,007	1,265	968	740	228
1994	12,947	8,006	4,941	3,410	2,019	1,391	1,078	829	249
1995	14,580	8,943	5,637	3,574	2,103	1,471	1,036	808	228
1996	16,388	9,884	6,504	4,021	2,314	1,707	1,037	755	282
1997	17,361	10,094	7,267	3,927	2,232	1,695	978	720	258

NOTE: See section C for specific fields that are included in this field of study.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Studies, data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey; and NSF/SRS, Survey of Earned Doctorates.

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Table 49. Biological science degrees awarded, by degree level and sex of recipient: 1966-97

Academic year ending	Bachelor's			Master's			Doctoral		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1966	23,477	16,143	7,334	4,224	3,077	1,147	2,135	1,818	317
1967	25,476	17,686	7,790	4,988	3,707	1,281	2,360	1,971	389
1968	28,710	19,993	8,717	5,517	3,963	1,554	2,827	2,351	476
1969	32,388	22,663	9,725	5,765	4,096	1,669	3,092	2,566	526
1970	34,303	24,061	10,242	5,835	3,991	1,844	3,361	2,846	515
1971	36,033	25,462	10,571	5,756	3,813	1,943	3,654	3,023	631
1972	37,638	26,491	11,147	6,126	4,099	2,027	3,600	2,957	643
1973	42,672	29,848	12,824	6,294	4,370	1,924	3,648	2,890	758
1974	48,856	33,478	15,378	6,581	4,567	2,014	3,484	2,745	739
1975	52,236	34,820	17,416	6,591	4,615	1,976	3,497	2,691	806
1976	54,913	35,794	19,119	6,621	4,518	2,103	3,573	2,770	803
1977	54,193	34,474	19,719	7,154	4,738	2,416	3,484	2,697	787
1978	52,213	31,990	20,223	6,851	4,421	2,430	3,516	2,623	893
1979	49,576	29,471	20,105	6,879	4,287	2,592	3,646	2,695	951
1980	47,111	27,135	19,976	6,536	4,111	2,425	3,803	2,750	1,053
1981	44,046	24,460	19,586	6,015	3,675	2,340	3,803	2,716	1,087
1982	42,427	23,064	19,363	5,931	3,450	2,481	3,893	2,752	1,141
1983	40,883	21,926	18,957	5,741	3,236	2,505	3,741	2,508	1,233
1984	39,639	20,948	18,691	5,440	3,010	2,430	3,880	2,665	1,215
1985	39,405	20,435	18,970	5,095	2,666	2,429	3,793	2,555	1,238
1986	39,509	20,396	19,113	5,048	2,629	2,419	3,807	2,527	1,280
1987	39,047	20,039	19,008	4,999	2,555	2,444	3,839	2,479	1,360
1988	37,688	18,608	19,080	4,810	2,439	2,371	4,111	2,606	1,505
1989	36,949	18,295	18,654	4,953	2,491	2,462	4,116	2,574	1,542
1990	38,040	18,631	19,409	4,893	2,393	2,500	4,328	2,713	1,615
1991	40,351	19,715	20,636	4,806	2,315	2,491	4,650	2,877	1,773
1992	43,892	21,121	22,771	4,848	2,318	2,530	4,799	2,968	1,831
1993	47,989	23,145	24,844	4,840	2,374	2,466	5,092	3,042	2,050
1994	52,321	25,341	26,980	5,276	2,496	2,780	5,203	3,095	2,108
1995	56,890	26,972	29,918	5,495	2,637	2,858	5,376	3,158	2,218
1996	62,081	29,216	32,865	6,286	2,945	3,341	5,723	3,308	2,415
1997	65,139	29,873	35,266	6,594	3,076	3,518	5,777	3,286	2,491

NOTE: See section C for specific fields that are included in this field of study.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Studies; data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey; and NSF/SRS, Survey of Earned Doctorates

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Table 50. Psychology degrees awarded, by degree level and sex of recipient: 1966-97

Academic year ending	Bachelor's			Master's			Doctoral		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1966	16,966	10,038	6,928	2,423	1,625	798	1,139	894	245
1967	19,435	11,657	7,778	2,898	1,971	927	1,295	1,030	265
1968	23,921	13,791	10,130	3,240	2,229	1,011	1,464	1,131	333
1969	29,458	16,758	12,700	3,738	2,584	1,154	1,766	1,350	416
1970	33,784	19,067	14,717	3,962	2,484	1,478	1,890	1,446	444
1971	38,154	21,117	17,037	4,438	2,787	1,651	2,145	1,615	530
1972	43,421	23,267	20,154	5,293	3,260	2,033	2,279	1,670	609
1973	48,096	25,110	22,986	5,882	3,515	2,367	2,458	1,741	717
1974	52,256	25,849	26,407	6,616	3,986	2,630	2,598	1,797	801
1975	51,436	24,333	27,103	7,104	4,059	3,045	2,751	1,878	873
1976	50,363	22,987	27,376	7,859	4,188	3,671	2,883	1,937	946
1977	47,794	20,692	27,102	8,320	4,316	4,004	2,990	1,902	1,088
1978	45,057	18,517	26,540	8,194	3,931	4,263	3,055	1,928	1,127
1979	43,012	16,649	26,363	8,031	3,688	4,343	3,091	1,831	1,260
1980	42,513	15,590	26,923	7,861	3,397	4,464	3,098	1,787	1,311
1981	41,364	14,447	26,917	8,039	3,371	4,668	3,358	1,885	1,473
1982	41,539	13,756	27,783	7,849	3,228	4,621	3,159	1,721	1,438
1983	40,825	13,228	27,597	8,439	3,254	5,185	3,347	1,750	1,597
1984	40,375	12,949	27,426	8,073	2,980	5,093	3,257	1,626	1,631
1985	40,237	12,815	27,422	8,481	3,064	5,417	3,118	1,577	1,541
1986	40,937	12,691	28,246	8,363	2,937	5,426	3,126	1,527	1,599
1987	43,195	13,399	29,796	8,165	2,838	5,327	3,173	1,475	1,698
1988	45,378	13,584	31,794	7,925	2,599	5,326	3,074	1,393	1,681
1989	48,954	14,291	34,663	8,652	2,814	5,838	3,208	1,408	1,800
1990	54,018	15,399	38,619	9,308	3,025	6,283	3,281	1,368	1,913
1991	58,893	16,155	42,738	9,802	2,994	6,808	3,250	1,254	1,996
1992	64,033	17,130	46,903	9,852	2,929	6,923	3,263	1,335	1,928
1993	67,251	18,029	49,222	10,412	2,928	7,484	3,420	1,332	2,088
1994	69,768	18,749	51,019	11,572	3,287	8,285	3,379	1,278	2,101
1995	72,601	19,638	52,963	13,132	3,735	9,397	3,429	1,249	2,180
1996	73,828	19,965	53,863	13,043	3,670	9,373	3,491	1,163	2,328
1997	74,734	19,491	55,243	13,633	3,715	9,918	3,566	1,197	2,369

NOTE: See section C for specific fields that are included in this field of study.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Studies; data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey; and NSF/SRS, Survey of Earned Doctorates

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Table 51. Social science degrees awarded, by degree level and sex of recipient: 1966-97

Academic year ending	Bachelor's			Master's			Doctoral		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1966	64,364	42,304	22,060	9,081	7,251	1,830	1,591	1,424	167
1967	72,398	47,257	25,141	10,348	8,263	2,085	1,911	1,699	212
1968	85,395	54,820	30,575	11,434	8,962	2,472	2,162	1,906	256
1969	100,059	63,544	36,515	12,983	10,050	2,933	2,437	2,156	281
1970	110,596	70,133	40,463	13,490	10,035	3,455	2,935	2,604	331
1971	116,411	72,618	43,793	14,914	11,011	3,903	3,442	2,992	450
1972	120,917	76,235	44,682	16,334	12,161	4,173	3,568	3,088	480
1973	123,206	77,658	45,548	17,720	13,235	4,485	3,737	3,151	586
1974	120,974	75,487	45,487	18,378	13,557	4,821	3,689	3,016	673
1975	111,711	68,723	42,988	19,459	13,976	5,483	3,787	3,035	752
1976	107,042	65,467	41,575	19,953	14,163	5,790	3,885	3,061	824
1977	100,739	60,181	40,558	21,209	14,906	6,303	3,730	2,932	798
1978	98,961	57,773	41,188	21,023	14,579	6,444	3,613	2,736	877
1979	95,891	54,714	41,177	19,372	12,892	6,480	3,491	2,596	895
1980	93,119	51,419	41,700	18,938	12,343	6,595	3,372	2,464	908
1981	91,243	49,774	41,469	18,740	11,851	6,889	3,416	2,511	905
1982	92,026	49,504	42,522	18,794	11,701	7,093	3,335	2,415	920
1983	87,826	47,164	40,662	17,851	10,847	7,004	3,326	2,315	1,011
1984	85,703	46,610	39,093	17,176	10,321	6,855	3,249	2,244	1,005
1985	84,796	45,955	38,841	17,148	10,209	6,939	3,217	2,188	1,029
1986	86,621	47,152	39,469	17,221	10,132	7,089	3,324	2,207	1,117
1987	88,740	48,101	40,639	17,160	9,958	7,202	3,164	2,153	1,011
1988	91,339	49,548	41,791	17,220	9,982	7,238	3,236	2,111	1,125
1989	97,783	52,597	45,186	17,983	10,154	7,829	3,324	2,189	1,135
1990	105,350	56,610	48,740	18,230	10,251	7,979	3,332	2,221	1,111
1991	111,212	58,745	52,467	18,915	10,288	8,627	3,556	2,243	1,313
1992	118,133	61,712	56,421	19,685	10,562	9,123	3,610	2,311	1,299
1993	119,334	61,763	57,571	20,775	11,002	9,773	3,769	2,347	1,422
1994	117,505	59,929	57,576	22,405	11,722	10,683	3,901	2,458	1,443
1995	112,711	56,618	56,093	23,259	11,925	11,334	3,878	2,411	1,467
1996	111,789	54,955	56,834	23,996	11,958	12,038	3,999	2,538	1,461
1997	111,050	53,501	57,549	23,793	11,645	12,148	4,094	2,509	1,585

NOTE: See section C for specific fields that are included in this field of study.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Studies; data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey; and NSF/SRS, Survey of Earned Doctorates

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Table 52. Economics degrees awarded, by degree level and sex of recipient: 1966-97

Academic year ending	Bachelor's			Master's			Doctoral		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1966	12,274	11,130	1,144	1,901	1,722	179	627	600	27
1967	13,829	12,491	1,338	2,147	1,967	180	691	655	36
1968	16,207	14,569	1,638	2,358	2,148	210	747	712	35
1969	17,909	16,095	1,814	2,537	2,282	255	800	756	44
1970	18,325	16,436	1,889	2,396	2,131	265	967	915	52
1971	17,137	15,214	1,923	2,415	2,139	276	990	933	57
1972	16,408	14,578	1,830	2,636	2,340	296	1,056	995	61
1973	15,848	13,772	2,076	2,662	2,360	302	1,121	1,058	63
1974	15,596	13,438	2,158	2,560	2,234	326	1,035	955	80
1975	15,160	12,677	2,483	2,522	2,171	351	1,057	968	89
1976	16,025	13,032	2,993	2,560	2,174	386	1,047	950	97
1977	16,674	13,027	3,647	2,662	2,231	431	983	904	79
1978	17,443	13,333	4,110	2,549	2,091	458	960	862	98
1979	18,150	13,383	4,767	2,468	2,018	450	956	840	116
1980	19,736	14,024	5,712	2,386	1,907	479	927	811	116
1981	20,700	14,650	6,050	2,498	1,941	557	993	879	114
1982	21,880	15,037	6,843	2,506	1,913	593	940	820	120
1983	22,410	15,163	7,247	2,568	1,957	611	971	820	151
1984	22,874	15,359	7,515	2,482	1,891	591	952	799	153
1985	23,073	15,400	7,673	2,532	1,920	612	959	814	145
1986	23,796	15,842	7,954	2,496	1,880	616	1,019	838	181
1987	24,402	16,335	8,067	2,321	1,739	582	960	797	163
1988	24,757	16,793	7,964	2,314	1,736	578	1,008	810	198
1989	25,301	17,224	8,077	2,333	1,699	634	1,062	864	198
1990	25,587	17,706	7,881	2,456	1,831	625	1,007	807	200
1991	25,302	17,725	7,577	2,411	1,711	700	1,053	836	217
1992	24,976	17,556	7,420	2,564	1,852	712	1,051	832	219
1993	22,973	16,161	6,812	2,725	1,909	816	1,067	821	246
1994	20,945	14,810	6,135	2,989	2,030	959	1,101	852	249
1995	19,083	13,235	5,848	2,838	1,944	894	1,152	873	279
1996	17,896	12,524	5,372	2,964	1,962	1,002	1,177	914	263
1997	17,701	12,253	5,448	2,804	1,851	953	1,161	894	267

NOTE: See section C for specific fields that are included in this field of study.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Studies; data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey, and NSF/SRS, Survey of Earned Doctorates.

Table 53. Political science degrees awarded, by degree level and sex of recipient: 1966-97

Academic year ending	Bachelor's			Master's			Doctoral		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1966	16,842	13,113	3,729	3,065	2,643	422	408	373	35
1967	19,332	15,063	4,269	3,326	2,782	544	501	463	38
1968	22,330	17,466	4,864	3,678	3,112	566	580	514	66
1969	25,782	20,369	5,413	3,964	3,333	631	558	505	53
1970	27,553	22,002	5,551	4,106	3,397	709	636	574	62
1971	29,562	23,516	6,046	4,875	3,977	898	821	724	97
1972	30,677	24,769	5,908	5,573	4,634	939	911	817	94
1973	33,519	26,771	6,748	6,751	5,512	1,233	908	789	119
1974	33,465	26,607	6,858	6,766	5,653	1,113	909	785	124
1975	32,500	24,864	7,636	7,724	6,139	1,585	863	721	142
1976	32,626	24,175	8,451	8,694	6,863	1,831	887	750	137
1977	30,972	22,170	8,802	10,162	7,874	2,288	879	737	142
1978	30,440	20,788	9,652	10,346	7,695	2,651	851	701	150
1979	30,292	20,014	10,278	10,096	7,122	2,974	767	627	140
1980	30,164	19,108	11,056	10,006	6,917	3,089	730	586	144
1981	30,091	18,655	11,436	9,952	6,632	3,320	679	544	136
1982	31,630	19,069	12,561	10,210	6,565	3,645	709	555	154
1983	31,871	18,679	13,192	9,715	6,109	3,606	655	505	150
1984	31,888	18,725	13,163	9,401	5,805	3,596	695	530	165
1985	32,378	18,799	13,579	9,481	5,785	3,696	666	491	175
1986	33,176	19,167	14,009	9,660	5,839	3,821	659	463	196
1987	33,876	19,365	14,511	9,933	5,830	4,103	647	472	175
1988	34,689	19,837	14,852	9,880	5,807	4,073	634	470	164
1989	38,246	21,622	16,624	10,314	5,917	4,397	700	499	201
1990	41,618	23,563	18,055	9,941	5,663	4,278	734	564	170
1991	44,257	24,648	19,609	10,392	5,752	4,640	740	529	211
1992	47,214	26,319	20,895	10,767	5,834	4,933	804	569	235
1993	47,936	26,701	21,235	11,310	6,069	5,241	824	578	246
1994	45,610	25,136	20,474	12,041	6,417	5,624	930	648	282
1995	41,978	23,010	18,968	12,802	6,678	6,124	894	628	266
1996	39,928	21,578	18,350	13,370	6,716	6,654	928	623	305
1997	37,807	19,953	17,854	13,368	6,677	6,691	970	675	295

NOTE: See section C for specific fields that are included in this field of study.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Studies; data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey; and NSF/SRS, Survey of Earned Doctorates.

Table 54. Sociology degrees awarded, by degree level and sex of recipient: 1966-97

Academic year ending	Bachelor's			Master's			Doctoral		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1966	15,203	6,139	9,064	981	680	301	260	220	40
1967	17,751	7,163	10,588	1,193	837	356	331	271	60
1968	22,062	8,577	13,485	1,193	790	403	370	297	73
1969	26,555	10,342	16,213	1,656	1,125	531	413	331	82
1970	30,848	12,445	18,403	1,816	1,139	677	505	412	93
1971	33,667	13,706	19,961	1,815	1,136	679	587	471	116
1972	35,630	15,334	20,296	1,987	1,218	769	639	501	138
1973	35,996	15,747	20,249	1,950	1,167	783	599	445	154
1974	35,915	15,325	20,590	2,236	1,346	890	645	460	185
1975	31,858	13,347	18,511	2,135	1,319	816	680	470	210
1976	27,992	11,391	16,601	2,035	1,177	858	734	511	223
1977	25,008	9,814	15,194	1,851	1,024	827	725	488	237
1978	23,073	8,461	14,612	1,650	898	752	610	386	224
1979	20,546	7,156	13,390	1,451	757	694	632	400	232
1980	19,181	6,391	12,790	1,372	683	689	600	369	231
1981	17,592	5,361	12,231	1,255	598	657	605	363	242
1982	16,333	4,889	11,444	1,183	541	642	568	354	214
1983	14,347	4,363	9,984	1,157	515	642	551	323	228
1984	13,347	4,293	9,054	1,015	461	554	534	300	234
1985	12,165	3,767	8,398	1,045	470	575	486	243	243
1986	12,397	3,862	8,535	986	440	546	506	285	221
1987	12,359	3,897	8,462	970	425	545	449	274	175
1988	13,085	4,086	8,999	1,013	437	576	468	219	249
1989	14,393	4,488	9,905	1,169	507	662	458	226	232
1990	15,993	5,047	10,946	1,213	501	712	448	230	218
1991	17,632	5,427	12,205	1,293	514	779	493	247	246
1992	19,644	6,124	13,520	1,379	561	818	512	262	250
1993	21,007	6,638	14,369	1,564	604	960	535	280	255
1994	22,468	7,155	15,313	1,675	652	1,023	548	265	283
1995	22,974	7,435	15,539	1,790	678	1,112	555	261	294
1996	24,169	7,794	16,375	1,822	642	1,180	527	251	276
1997	24,750	7,846	16,904	1,752	610	1,142	598	267	331

NOTE: See section C for specific fields that are included in this field of study.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Studies; data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey, and NSF/SRS, Survey of Earned Doctorates

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Table 55. Other social science degrees awarded, by degree level and sex of recipient: 1966-97

Academic year ending	Bachelor's			Master's			Doctoral		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1966	20,045	11,922	8,123	3,134	2,206	928	296	231	65
1967	21,486	12,540	8,946	3,682	2,677	1,005	388	310	78
1968	24,796	14,208	10,588	4,205	2,912	1,293	465	383	82
1969	29,813	16,738	13,075	4,826	3,310	1,516	666	564	102
1970	33,870	19,250	14,620	5,172	3,368	1,804	827	703	124
1971	36,045	20,182	15,863	5,809	3,759	2,050	1,044	864	180
1972	38,202	21,554	16,648	6,138	3,969	2,169	962	775	187
1973	37,843	21,368	16,475	6,357	4,196	2,161	1,109	859	250
1974	35,998	20,117	15,881	6,816	4,324	2,492	1,100	816	284
1975	32,193	17,835	14,358	7,078	4,347	2,731	1,187	876	311
1976	30,399	16,869	13,530	6,664	3,949	2,715	1,217	850	367
1977	28,085	15,170	12,915	6,534	3,777	2,757	1,143	803	340
1978	28,005	15,191	12,814	6,478	3,895	2,583	1,192	787	405
1979	26,903	14,161	12,742	5,357	2,995	2,362	1,136	729	407
1980	24,038	11,896	12,142	5,174	2,836	2,338	1,115	698	417
1981	22,860	11,108	11,752	5,035	2,680	2,355	1,139	725	414
1982	22,183	10,509	11,674	4,895	2,682	2,213	1,118	686	432
1983	19,198	8,959	10,239	4,411	2,266	2,145	1,149	667	482
1984	17,594	8,233	9,361	4,278	2,164	2,114	1,068	615	453
1985	17,180	7,989	9,191	4,090	2,034	2,056	1,106	640	466
1986	17,252	8,281	8,971	4,079	1,973	2,106	1,140	621	519
1987	18,103	8,504	9,599	3,936	1,964	1,972	1,108	610	498
1988	18,808	8,832	9,976	4,013	2,002	2,011	1,126	612	514
1989	19,843	9,263	10,580	4,167	2,031	2,136	1,104	600	504
1990	22,152	10,294	11,858	4,620	2,256	2,364	1,143	620	523
1991	24,021	10,945	13,076	4,819	2,311	2,508	1,270	631	639
1992	26,299	11,713	14,586	4,975	2,315	2,660	1,243	648	595
1993	27,418	12,263	15,155	5,176	2,420	2,756	1,343	668	675
1994	28,482	12,828	15,654	5,700	2,623	3,077	1,322	693	629
1995	28,676	12,938	15,738	5,829	2,625	3,204	1,277	649	628
1996	29,796	13,059	16,737	5,840	2,638	3,202	1,367	750	617
1997	30,792	13,449	17,343	5,869	2,507	3,362	1,365	673	692

NOTE: See section C for specific fields that are included in this field of study.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Studies; data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey; and NSF/SRS, Survey of Earned Doctorates

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Table 56. Science and engineering bachelor's degrees awarded, per thousand 22-year-olds in the U.S. population, by sex: 1966-97

Academic year ending	Total			Men			Women		
	22-year-olds (thousands)	Science & engineering degrees	S&E degrees per thousand 22-year olds	22-year-olds (thousands)	Science & engineering degrees	S&E degrees per thousand 22-year olds	22-year-olds (thousands)	Science & engineering degrees	S&E degrees per thousand 22-year olds
1966	2,814	184,313	65	1,411	138,679	98	1,403	45,634	33
1967	2,777	199,832	72	1,393	149,045	107	1,384	50,787	37
1968	2,747	226,597	82	1,378	165,200	120	1,369	61,397	45
1969	3,761	262,189	70	1,894	189,272	100	1,867	72,917	39
1970	3,495	284,230	81	1,757	204,528	116	1,737	79,702	46
1971	3,510	294,357	84	1,759	209,318	119	1,750	85,039	49
1972	3,511	306,459	87	1,762	216,422	123	1,749	90,037	51
1973	3,655	321,085	88	1,839	225,090	122	1,817	95,995	53
1974	3,757	326,230	87	1,892	223,652	118	1,865	102,578	55
1975	3,863	313,555	81	1,944	210,741	108	1,919	102,814	54
1976	3,970	309,491	78	1,996	205,570	103	1,975	103,921	53
1977	4,056	303,798	75	2,041	198,805	97	2,015	104,993	52
1978	4,119	303,555	74	2,072	195,888	95	2,047	107,667	53
1979	4,285	303,162	71	2,158	193,247	90	2,127	109,915	52
1980	4,275	304,695	71	2,142	191,215	89	2,133	113,480	53
1981	4,277	306,792	72	2,143	190,977	89	2,134	115,815	54
1982	4,270	315,023	74	2,143	193,624	90	2,127	121,399	57
1983	4,347	317,571	73	2,186	194,380	89	2,161	123,191	57
1984	4,269	324,284	76	2,151	199,150	93	2,119	125,134	59
1985	4,212	332,273	79	2,125	203,402	96	2,087	128,871	62
1986	4,167	335,405	80	2,111	204,743	97	2,056	130,662	64
1987	4,015	331,526	83	2,033	199,981	98	1,981	131,545	66
1988	3,817	322,482	84	1,939	191,549	99	1,878	130,933	70
1989	3,731	322,821	87	1,898	189,338	100	1,832	133,483	73
1990	3,669	329,094	90	1,872	189,082	101	1,797	140,012	78
1991	3,727	337,675	91	1,899	189,328	100	1,828	148,347	81
1992	3,856	355,265	92	1,964	195,779	100	1,892	159,486	84
1993	3,877	366,035	94	1,970	200,315	102	1,908	165,720	87
1994	3,615	373,261	103	1,840	202,284	110	1,776	170,977	96
1995	3,422	378,148	111	1,742	202,217	116	1,680	175,931	105
1996	3,356	384,674	115	1,709	203,341	119	1,647	181,333	110
1997	3,444	388,482	113	1,755	201,471	115	1,689	187,011	111

NOTES: Details may not sum to totals due to rounding.

See section C for specific fields that are included in science and engineering.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Studies; data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey; and Bureau of the Census.

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Table 57. Science and engineering master's degrees awarded, per thousand 24-year-olds in the U.S. population, by sex: 1966-97

Academic year ending	Total			Men			Women		
	24-year-olds (thousands)	Science & engineering degrees	S&E degrees per thousand 24-year olds	24-year-olds (thousands)	Science & engineering degrees	S&E degrees per thousand 24-year olds	24-year-olds (thousands)	Science & engineering degrees	S&E degrees per thousand 24-year olds
1966	2,664	41,049	15	1,328	35,580	27	1,336	5,469	4
1967	3,023	44,988	15	1,507	38,682	26	1,516	6,306	4
1968	2,861	48,760	17	1,422	41,551	29	1,439	7,209	5
1969	2,824	52,382	19	1,403	44,182	31	1,421	8,200	6
1970	2,782	53,695	19	1,389	43,973	32	1,393	9,722	7
1971	3,840	56,454	15	1,919	46,116	24	1,921	10,338	5
1972	3,568	60,049	17	1,781	48,721	27	1,788	11,328	6
1973	3,582	62,046	17	1,784	50,233	28	1,798	11,813	7
1974	3,580	62,239	17	1,786	49,528	28	1,795	12,711	7
1975	3,725	63,198	17	1,863	49,410	27	1,862	13,788	7
1976	3,826	65,007	17	1,917	49,992	26	1,910	15,015	8
1977	3,929	67,397	17	1,968	50,899	26	1,961	16,498	8
1978	4,038	67,264	17	2,021	50,034	25	2,017	17,230	9
1979	4,128	64,226	16	2,069	46,614	23	2,059	17,612	9
1980	4,169	64,089	15	2,082	46,004	22	2,087	18,085	9
1981	4,336	64,366	15	2,171	45,505	21	2,165	18,861	9
1982	4,358	66,568	15	2,185	46,557	21	2,173	20,011	9
1983	4,358	67,733	16	2,184	46,734	21	2,173	20,999	10
1984	4,350	68,582	16	2,184	47,049	22	2,166	21,533	10
1985	4,421	70,578	16	2,222	48,247	22	2,199	22,331	10
1986	4,348	71,840	17	2,190	48,621	22	2,157	23,219	11
1987	4,286	72,603	17	2,161	48,759	23	2,125	23,844	11
1988	4,234	73,655	17	2,139	49,820	23	2,095	23,835	11
1989	4,081	76,425	19	2,062	50,845	25	2,019	25,580	13
1990	3,875	77,788	20	1,962	51,230	26	1,913	26,558	14
1991	3,778	78,368	21	1,911	50,441	26	1,867	27,927	15
1992	3,711	81,107	22	1,879	52,157	28	1,832	28,950	16
1993	3,777	86,425	23	1,909	55,454	29	1,867	30,971	17
1994	3,897	91,411	23	1,965	57,970	30	1,931	33,441	17
1995	3,913	94,309	24	1,969	58,518	30	1,944	35,791	18
1996	3,651	95,313	26	1,839	57,860	31	1,812	37,453	21
1997	3,462	93,485	27	1,743	55,223	32	1,719	38,262	22

NOTES: Details may not sum to totals due to rounding.

See section C for specific fields that are included in science and engineering.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Studies; data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey; and Bureau of the Census.

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Table 58. Science and engineering doctoral degrees awarded, per thousand 30-year-olds in the U.S. population, by sex: 1966-97

Academic year ending	Total			Men			Women		
	30-year-olds (thousands)	Science & engineering degrees	S&E degrees per thousand 30-year olds	30-year-olds (thousands)	Science & engineering degrees	S&E degrees per thousand 30-year olds	30-year-olds (thousands)	Science & engineering degrees	S&E degrees per thousand 30-year olds
1966	2,274	11,570	5	1,128	10,646	9	1,146	924	1
1967	2,311	13,109	6	1,144	12,013	11	1,167	1,096	1
1968	2,398	14,645	6	1,186	13,328	11	1,213	1,317	1
1969	2,444	16,288	7	1,207	14,781	12	1,237	1,507	1
1970	2,488	18,052	7	1,232	16,404	13	1,256	1,648	1
1971	2,631	19,381	7	1,306	17,385	13	1,326	1,996	2
1972	2,795	19,342	7	1,388	17,191	12	1,407	2,151	2
1973	3,178	19,373	6	1,579	16,853	11	1,599	2,520	2
1974	3,008	18,714	6	1,492	16,043	11	1,516	2,671	2
1975	2,967	18,799	6	1,473	15,870	11	1,493	2,929	2
1976	2,913	18,472	6	1,452	15,375	11	1,461	3,097	2
1977	4,001	18,008	5	1,999	14,775	7	2,001	3,233	2
1978	3,721	17,653	5	1,855	14,199	8	1,866	3,454	2
1979	3,734	17,872	5	1,857	14,128	8	1,877	3,744	2
1980	3,719	17,775	5	1,844	13,814	7	1,875	3,961	2
1981	3,860	18,257	5	1,914	14,056	7	1,945	4,201	2
1982	3,953	18,275	5	1,966	13,925	7	1,987	4,350	2
1983	4,058	18,635	5	2,018	13,920	7	2,040	4,715	2
1984	4,165	18,748	5	2,073	13,956	7	2,093	4,792	2
1985	4,255	18,935	4	2,122	14,044	7	2,133	4,891	2
1986	4,318	19,437	5	2,154	14,270	7	2,165	5,167	2
1987	4,470	19,894	4	2,232	14,582	7	2,238	5,312	2
1988	4,477	20,932	5	2,235	15,270	7	2,242	5,662	3
1989	4,464	21,732	5	2,225	15,623	7	2,238	6,109	3
1990	4,502	22,868	5	2,246	16,498	7	2,256	6,370	3
1991	4,479	24,023	5	2,233	17,091	8	2,246	6,932	3
1992	4,475	24,675	6	2,233	17,595	8	2,242	7,080	3
1993	4,403	25,443	6	2,194	17,791	8	2,209	7,652	3
1994	4,337	26,205	6	2,158	18,285	8	2,178	7,920	4
1995	4,191	26,535	6	2,083	18,247	9	2,108	8,288	4
1996	3,968	27,229	7	1,969	18,583	9	1,999	8,646	4
1997	3,878	27,180	7	1,922	18,259	10	1,956	8,921	5

NOTES: Details may not sum to totals due to rounding.

See section C for specific fields that are included in science and engineering.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Studies; data from NSF/SRS Survey of Earned Doctorates, and Bureau of the Census.

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Table 59. Engineering technology degrees awarded, by degree level and sex of recipient: 1966-97

Academic year ending	Bachelor's			Master's			Doctoral		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1966	2,357	2,334	23	44	42	2	11	11	0
1967	2,741	2,714	27	107	106	1	5	5	0
1968	3,173	3,151	22	65	65	0	1	1	0
1969	4,284	4,263	21	156	156	0	32	32	0
1970	5,228	5,175	53	158	151	7	27	26	1
1971	5,626	5,436	190	220	190	30	1	1	0
1972	6,252	6,065	187	394	337	57	21	21	0
1973	5,212	5,061	151	220	177	43	19	19	0
1974	8,302	7,935	367	346	286	60	11	11	0
1975	8,589	8,054	535	371	281	90	5	3	2
1976	9,180	8,656	524	493	424	69	10	9	1
1977	9,864	9,173	691	505	389	116	12	9	3
1978	10,314	9,495	819	579	480	99	15	13	2
1979	10,906	9,942	964	496	371	125	16	14	2
1980	12,180	10,930	1,250	510	424	86	16	14	2
1981	13,567	12,034	1,533	532	380	152	21	19	2
1982	14,778	13,079	1,699	636	486	150	33	25	8
1983	18,602	16,473	2,129	622	519	103	18	15	3
1984	20,181	18,012	2,169	694	580	114	6	5	1
1985	20,476	18,224	2,252	816	674	142	15	13	2
1986	20,900	18,706	2,194	925	710	215	21	14	7
1987	20,577	18,429	2,148	883	678	205	13	10	3
1988	20,447	18,337	2,110	980	738	242	14	12	2
1989	20,098	17,999	2,099	1,135	892	243	18	14	4
1990	19,150	17,113	2,037	1,194	888	306	18	15	3
1991	18,294	16,329	1,965	1,188	888	300	25	20	5
1992	17,118	15,314	1,804	1,278	971	307	14	12	2
1993	17,022	15,114	1,908	1,555	1,172	383	28	21	7
1994	16,703	14,877	1,826	1,547	1,164	383	24	18	6
1995	16,607	14,704	1,903	1,577	1,136	441	19	16	3
1996	16,228	14,382	1,846	1,651	1,179	472	18	16	2
1997	14,631	12,925	1,706	1,414	1,012	402	13	11	2

NOTE: Engineering technologies are instructional programs that prepare individuals to support and assist engineering and related professionals or to independently provide such services. Programs stress specialized, practical knowledge related to the mathematical, scientific, or technical aspects of engineering and related sciences.

SOURCE: Tabulated by National Science Foundation/Division of Science Resources Studies; data from Department of Education National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey.

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Table 60. Health field degrees awarded, by degree level and sex of recipient: 1966-97

Academic year ending	Bachelor's			Master's			Doctoral		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1966	18,373	6,709	11,664	2,862	1,615	1,247	174	155	19
1967	19,268	6,898	12,370	3,437	1,789	1,648	177	160	17
1968	20,624	6,986	13,638	3,749	1,879	1,870	196	169	27
1969	22,856	7,349	15,507	4,082	2,023	2,059	297	253	44
1970	24,871	7,878	16,993	4,640	2,216	2,424	414	343	71
1971	21,662	5,297	16,365	5,465	2,419	3,046	541	438	103
1972	24,713	6,394	18,319	6,871	2,993	3,878	467	370	97
1973	29,175	7,022	22,153	7,861	3,314	4,547	486	359	127
1974	35,885	8,314	27,571	9,000	3,476	5,524	476	355	121
1975	42,865	9,672	33,193	9,793	3,633	6,160	462	319	143
1976	47,312	10,200	37,112	11,700	3,839	7,861	503	347	156
1977	50,752	10,691	40,061	11,964	3,751	8,213	511	332	179
1978	52,829	10,329	42,500	13,361	3,863	9,498	512	316	196
1979	55,484	9,890	45,594	14,546	4,076	10,470	568	339	229
1980	57,402	10,140	47,262	14,863	4,036	10,827	586	334	252
1981	57,762	9,466	48,296	15,829	4,059	11,770	657	356	301
1982	57,997	9,105	48,892	15,783	3,754	12,029	686	362	324
1983	55,662	8,365	47,297	14,056	3,230	10,826	639	302	337
1984	55,398	8,153	47,245	14,334	3,173	11,161	722	306	416
1985	55,351	7,892	47,459	14,346	3,139	11,207	729	289	440
1986	56,297	7,923	48,374	15,529	3,469	12,060	770	290	480
1987	55,658	7,479	48,179	15,236	2,979	12,257	800	325	475
1988	53,552	7,333	46,219	15,767	3,180	12,587	882	333	549
1989	52,485	7,392	45,093	16,041	3,233	12,808	974	345	629
1990	52,271	7,675	44,596	16,960	3,491	13,469	956	364	592
1991	52,784	7,995	44,789	17,671	3,393	14,278	1,041	373	668
1992	56,047	8,607	47,440	21,053	4,094	16,959	1,112	402	710
1993	60,699	9,671	51,028	23,646	4,639	19,007	1,197	420	777
1994	67,359	11,049	56,310	25,868	5,192	20,676	1,296	453	843
1995	72,326	12,499	59,827	28,716	6,027	22,689	1,330	487	843
1996	76,267	13,467	62,800	30,990	6,399	24,591	1,324	463	861
1997	77,769	13,940	63,829	33,177	6,882	26,295	1,422	486	936

NOTE: Health fields include: Chiropractic, Dentistry, Medicine, Optometry, Osteopathic Medicine, Pharmacy, Podiatry, and Veterinary Medicine.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Studies; data from Department of Education/National Center for Education Statistics, Integrated Postsecondary Education Data System Completions Survey; and NSF/SRS, Survey of Earned Doctorates.

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Table 61. First-professional degrees awarded, by sex of recipient: 1966-97

Academic year ending	Total	Men	Women	Percent women
1966	31,496	30,071	1,425	4.5
1967	32,493	31,064	1,429	4.4
1968	34,728	33,083	1,645	4.7
1969	35,681	34,069	1,612	4.5
1970	35,252	33,344	1,908	5.4
1971	38,276	35,797	2,479	6.5
1972	43,774	41,021	2,753	6.3
1973	50,435	46,827	3,608	7.2
1974	54,278	48,904	5,374	9.9
1975	56,259	49,230	7,029	12.5
1976	63,061	53,210	9,851	15.6
1977	64,780	52,668	12,112	18.7
1978	66,964	52,553	14,411	21.5
1979	69,222	52,909	16,313	23.6
1980	70,526	52,988	17,538	24.9
1981	72,369	53,070	19,299	26.7
1982	72,554	52,551	20,003	27.6
1983	73,569	51,591	21,978	29.9
1984	74,900	51,644	23,256	31.0
1985	75,562	50,780	24,782	32.8
1986	74,581	49,661	24,920	33.4
1987	72,120	46,841	25,279	35.1
1988	71,144	45,716	25,428	35.7
1989	71,318	45,399	25,919	36.3
1990	71,551	44,309	27,242	38.1
1991	72,636	44,226	28,410	39.1
1992	74,801	45,459	29,342	39.2
1993	76,068	45,565	30,503	40.1
1994	76,000	45,068	30,932	40.7
1995	76,457	45,193	31,264	40.9
1996	77,505	45,182	32,323	41.7
1997	79,169	45,747	33,422	42.2

NOTES: First-professional degrees are defined as those that require at least 6 years of college work for completion and 2 years of pre-professional training.

First-professional degrees include: Chiropractic, Dentistry, Medicine, Optometry, Osteopathic Medicine, Pharmacy, Podiatry, Veterinary Medicine, Law, Divinity/Ministry, and Rabbinical and Talmudic Studies.

SOURCE: Tabulated by National Science Foundation/Division of Science Resources Studies, data from Department of Education National Center for Education Statistics' Integrated Postsecondary Education Data System Completions Survey.

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Table 62. First-professional degrees awarded in health fields, by sex of recipient: 1966-97

Academic year ending	Total	Men	Women	Percent women
1966	13,291	12,599	692	5.2
1967	13,373	12,639	734	5.5
1968	13,815	12,974	841	6.1
1969	13,759	13,018	741	5.4
1970	14,454	13,578	876	6.1
1971	15,258	14,256	1,002	6.6
1972	15,905	14,864	1,041	6.5
1973	17,355	16,189	1,166	6.7
1974	19,156	17,577	1,579	8.2
1975	20,582	18,475	2,107	10.2
1976	24,787	21,639	3,148	12.7
1977	24,533	20,731	3,802	15.5
1978	25,981	21,286	4,695	18.1
1979	27,228	21,865	5,363	19.7
1980	27,576	21,841	5,735	20.8
1981	28,971	22,456	6,515	22.5
1982	29,494	22,657	6,837	23.2
1983	30,087	22,562	7,525	25.0
1984	30,785	22,452	8,333	27.1
1985	30,601	21,675	8,926	29.2
1986	31,051	21,696	9,355	30.1
1987	29,400	20,011	9,389	31.9
1988	28,833	19,304	9,529	33.0
1989	29,518	19,596	9,922	33.6
1990	28,787	18,562	10,225	35.5
1991	28,183	17,777	10,406	36.9
1992	28,303	17,694	10,609	37.5
1993	29,475	17,704	11,771	39.9
1994	29,680	17,565	12,115	40.8
1995	30,757	17,975	12,782	41.6
1996	31,250	17,927	13,323	42.6
1997	32,114	18,308	13,806	43.0

NOTES: First-professional degrees are defined as those that require at least 6 years of college work for completion and 2 years of pre-professional training.

Health fields include: Chiropractic, Dentistry, Medicine, Optometry, Osteopathic Medicine, Pharmacy, Podiatry, and Veterinary Medicine.

SOURCE: Tabulated by National Science Foundation/Division of Science Resources Studies; data from Department of Education National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey.

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Table 63. First-professional degrees awarded in non-health fields, by sex of recipient: 1966-97

Academic year ending	Total	Men	Women	Percent women
1966	18,205	17,472	733	4.0
1967	19,120	18,425	695	3.6
1968	20,913	20,109	804	3.8
1969	21,922	21,051	871	4.0
1970	20,798	19,766	1,032	5.0
1971	23,018	21,541	1,477	6.4
1972	27,869	26,157	1,712	6.1
1973	33,080	30,638	2,442	7.4
1974	35,122	31,327	3,795	10.8
1975	35,677	30,755	4,922	13.8
1976	38,274	31,571	6,703	17.5
1977	40,247	31,937	8,310	20.6
1978	40,983	31,267	9,716	23.7
1979	41,994	31,044	10,950	26.1
1980	42,950	31,147	11,803	27.5
1981	43,398	30,614	12,784	29.5
1982	43,060	29,894	13,166	30.6
1983	43,482	29,029	14,453	33.2
1984	44,115	29,192	14,923	33.8
1985	44,961	29,105	15,856	35.3
1986	43,530	27,965	15,565	35.8
1987	42,720	26,830	15,890	37.2
1988	42,311	26,412	15,899	37.6
1989	41,800	25,803	15,997	38.3
1990	42,764	25,747	17,017	39.8
1991	44,453	26,449	18,004	40.5
1992	46,498	27,765	18,733	40.3
1993	46,593	27,861	18,732	40.2
1994	46,320	27,503	18,817	40.6
1995	45,700	27,218	18,482	40.4
1996	46,255	27,255	19,000	41.1
1997	47,055	27,439	19,616	41.7

NOTES: First-professional degrees are defined as those that require at least 6 years of college work for completion and 2 years of pre-professional training.

Non-health fields include: Law, Divinity/Ministry, and Rabbinical and Talmudic Studies.

SOURCE: Tabulated by National Science Foundation/Division of Science Resources Studies; data from Department of Education National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey

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SECTION C.

CLASSIFICATION OF PROGRAMS

Current Classification Schemes for the Integrated Postsecondary Education Data System (IPEDS) Completions Survey and the Survey of Earned Doctorates

Fields of study from the IPEDS/ *Classification of Instructional Programs*		Fields of study from the Survey of Earned Doctorates classification	
ENGINEERING		**ENGINEERING**	
Aeronautical/Astronautical Engineering		**Aeronautical/Astronautical Engineering**	
14.02	Aerospace, Aeronautical, and Astronautical Engineering	300	Aerospace, Aeronautical, and Astronautical Engineering
Chemical Engineering		**Chemical Engineering**	
14.07	Chemical Engineering	312	Chemical Engineering
14.25	Petroleum Engineering	366	Petroleum Engineering
14.32	Polymer/Plastics Engineering	369	Polymer and Plastics Engineering
		547	Fuel Technology and Petroleum Engineering
Civil Engineering		**Civil Engineering**	
14.04	Architectural Engineering	315	Civil Engineering
14.08	Civil Engineering	336	Environmental Health Engineering
14.14	Environmental/Environmental Health Engineering		
Electrical Engineering		**Electrical Engineering**	
14.09	Computer Engineering	318	Communications Engineering
14.10	Electrical, Electronics, and Communications Engineering	321	Computer Engineering
		322	Electrical Engineering
		323	Electronics Engineering
		324	Electrical and Electronics Engineering
Industrial Engineering		**Industrial Engineering**	
14.17	Industrial/Manufacturing Engineering	339	Industrial and Manufacturing Engineering
14.30	Engineering/Industrial Management		
Mechanical Engineering		**Mechanical Engineering**	
14.11	Engineering Mechanics	327	Engineering Mechanics
14.19	Mechanical Engineering	345	Mechanical Engineering
Materials/Metallurgical Engineering		**Materials/Metallurgical Engineering**	
14.06	Ceramic Sciences and Engineering	309	Ceramic Sciences
14.18	Materials Engineering	342	Materials Science
14.20	Metallurgical Engineering	348	Metallurgical Engineering
14.31	Materials Science		
40.0701	Metallurgy		
Other Engineering		**Other Engineering**	
14.01	Engineering, General	303	Agricultural Engineering
14.03	Agricultural Engineering	306	Bioengineering and Biomedical Engineering
14.05	Bioengineering and Biomedical Engineering	330	Engineering Physics
14.12	Engineering Physics	333	Engineering Science
14.13	Engineering Science	351	Mining and Mineral Engineering
14.15	Geological Engineering	354	Naval Architecture and Marine Engineering
14.16	Geophysical Engineering	357	Nuclear Engineering
14.21	Mining and Mineral Engineering	360	Ocean Engineering
14.22	Naval Architecture and Marine Engineering	363	Operations Research
14.23	Nuclear Engineering	372	Systems Engineering
14.24	Ocean Engineering	375	Textile Engineering
		14.27	Systems Engineering

Current Classification Schemes for the Integrated Postsecondary Education Data System (IPEDS) Completions Survey and the Survey of Earned Doctorates

Fields of study from the IPEDS/ *Classification of Instructional Programs*		Fields of study from the Survey of Earned Doctorates classification	
14.28	Textile Sciences and Engineering	398	Engineering, General
14.29	Engineering Design	399	Engineering, Other
14.99	Engineering, Other		
45.0702	Cartography		
	PHYSICAL SCIENCES		**PHYSICAL SCIENCES**
Astronomy		**Astronomy**	
40.02	Astronomy	500	Astronomy
40.03	Astrophysics	505	Astrophysics
		506	Astronomy and Astrophysics
Chemistry		**Chemistry**	
40.0501	Chemistry, General	520	Analytical Chemistry
40.0502	Analytical Chemistry	521	Agricultural and Food Chemistry
40.0503	Inorganic Chemistry	522	Inorganic Chemistry
40.0504	Organic Chemistry	524	Nuclear Chemistry
40.0505	Medicinal/Pharmaceutical Chemistry	526	Organic Chemistry
40.0506	Physical and Theoretical Chemistry	528	Pharmaceutical Chemistry
40.0507	Polymer Chemistry	530	Physical Chemistry
40.0599	Chemistry, Other	532	Polymer Chemistry
		534	Theoretical Chemistry
		538	Chemistry, General
		539	Chemistry, Other
Physics		**Physics**	
40.0801	Physics, General	560	Acoustics
40.0802	Chemical and Atomic/Molecular Physics	561	Chemical and Atomic/Molecular Physics
40.0804	Elementary Particle Physics	562	Electron Physics
40.0805	Plasma and High-Temperature Physics	563	Electromagnetic Physics
40.0806	Nuclear Physics	564	Elementary Particle Physics
40.0807	Optics	566	Fluids
40.0808	Solid State and Low-Temperature Physics	567	Mechanics
40.0809	Acoustics	568	Nuclear Physics
40.0810	Theoretical and Mathematical Physics	569	Optics
40.0899	Physics, Other	570	Plasma and High-Temperature Physics
		572	Polymer Physics
		573	Thermal Physics
		574	Solid State and Low-Temperature Physics
		575	Theoretical Physics
		578	Physics, General
		579	Physics, Other
Other Physical Sciences		**Other Physical Sciences**	
40.01	Physical Sciences, General	599	Physical Sciences, Other
40.0799	Miscellaneous Physical Sciences, Other		
40.99	Physical Sciences, Other		

Current Classification Schemes for the Integrated Postsecondary Education Data System (IPEDS) Completions Survey and the Survey of Earned Doctorates

Fields of study from the IPEDS/ *Classification of Instructional Programs*		Fields of study from the Survey of Earned Doctorates classification	
EARTH, ATMOSPHERIC, AND OCEAN SCIENCES		**EARTH, ATMOSPHERIC, AND OCEAN SCIENCES**	
Atmospheric Sciences		**Atmospheric Sciences**	
40.04	Atmospheric Sciences and Meteorology	510	Atmospheric Physics and Chemistry
		512	Atmospheric Dynamics
		514	Meteorology
		518	Atmospheric Science/Meteorology, General
		519	Atmospheric Science/Meteorology, Other
Geosciences		**Geosciences**	
40.0601	Geology	540	Geology
40.0602	Geochemistry	542	Geochemistry
40.0603	Geophysics and Seismology	544	Geophysics and Seismology
40.0604	Paleontology	545	Geophysics (Solid Earth)
40.0699	Geological and Related Sciences, Other	546	Paleontology
40.0703	Earth and Planetary Sciences	548	Mineralogy and Petrology
		549	Mineralogy, Petrology, and Geochemistry
		550	Stratigraphy and Sedimentation
		552	Geomorphology and Glacial Geology
		554	Applied Geology
		555	Applied Geology and Geological Engineering
		558	Geological and Related Sciences, General
		559	Geological and Related Sciences, Other
		585	Hydrology and Water Resources
Oceanography		**Oceanography**	
40.0702	Oceanography	590	Oceanography
		595	Marine Sciences
		Other Environmental Sciences	
		580	Environmental Science
MATHEMATICAL/COMPUTER SCIENCES		**MATHEMATICAL/COMPUTER SCIENCES**	
Mathematics		**Mathematics**	
27.01	Mathematics, General	420	Applied Mathematics
27.03	Applied Mathematics	425	Algebra
27.05	Mathematical Statistics	430	Analysis and Functional Analysis
27.99	Mathematics, Other	435	Geometry
52.0802	Actuarial Science	440	Logic
52.1302	Business Statistics	445	Number Theory
		450	Mathematical Statistics
		455	Topology
		460	Computing Theory and Practice
		465	Operations Research
		498	Mathematics, General
		499	Mathematics, Other
Computer Science		**Computer Science**	
11.01	Computer and Information Sciences, General	400	Computer Science
11.02	Computer Programming	410	Information Science and Systems

Current Classification Schemes for the Integrated Postsecondary Education Data System (IPEDS) Completions Survey and the Survey of Earned Doctorates

Fields of study from the IPEDS/ *Classification of Instructional Programs*		Fields of study from the Survey of Earned Doctorates classification	
11.03	Data Processing Technology/Technician		
11.04	Information Sciences and Systems		
11.05	Computer Systems Analysis		
11.0701	Computer Science		
11.99	Computer and Information Sciences, Other		
52.1204	Business Systems Networking and Telecommunications		
BIOLOGICAL/AGRICULTURAL SCIENCES		**BIOLOGICAL/AGRICULTURAL SCIENCES**	
Agricultural Sciences		**Agricultural Sciences**	
02.01	Agriculture/Agricultural Sciences, General	005	Animal Breeding and Genetics
02.02	Animal Sciences	007	Animal Husbandry
02.03	Food Sciences and Technology	010	Animal Nutrition
02.04	Plant Sciences	012	Dairy Science
02.05	Soil Sciences	014	Poultry Science
02.99	Agriculture/Agricultural Sciences, Other	019	Animal Sciences, Other
03.01	Natural Resources Conservation	020	Agronomy and Crop Science
03.02	Natural Resources Management and Protective Services	025	Plant Breeding and Genetics
		030	Plant Pathology
03.03	Fishing and Fisheries Sciences and Management	032	Plant Protection/Pest Management
03.05	Forestry and Related Sciences	039	Plant Sciences, Other
03.06	Wildlife and Wildlands Management	040	Food Sciences
03.99	Conservation and Renewable Natural Resources, Other	042	Food Distribution
		043	Food Engineering
		044	Food Sciences, Other
		045	Soil Sciences
		046	Soil Chemistry and Microbiology
		049	Soil Sciences, Other
		050	Horticulture Science
		054	Fish and Wildlife
		055	Fisheries Science and Management
		060	Wildlife Management
		065	Forestry Sciences
		066	Forest Biology
		068	Forest Engineering
		070	Forest Management
		072	Wood Science and Pulp/Paper Technology
		074	Conservation and Renewable Natural Resources
		079	Forestry and Related Sciences
		080	Wildlife and Range Management
		098	Agricultural Science, General
		099	Agricultural Science, Other
Biological Sciences		**Biological Sciences**	
19.0505	Food Systems Administration	100	Biochemistry
26.01	Biology, General	103	Biomedical Sciences
26.02	Biochemistry and Biophysics	105	Biophysics
26.03	Botany	107	Biotechnology Research
26.04	Cell and Molecular Biology	110	Bacteriology
26.05	Microbiology/Bacteriology	115	Plant Genetics
26.0601	Anatomy	120	Plant Pathology

Current Classification Schemes for the Integrated Postsecondary Education Data System (IPEDS) Completions Survey and the Survey of Earned Doctorates

Fields of study from the IPEDS/ *Classification of Instructional Programs*		Fields of study from the Survey of Earned Doctorates classification	
26.0603	Ecology	125	Plant Physiology
26.0607	Marine/Aquatic Biology	129	Botany, Other
26.0608	Neurosciences	130	Anatomy
26.0609	Nutritional Sciences	133	Biometrics and Biostatistics
26.0610	Parasitology	136	Cell Biology
26.0611	Radiation Biology/Radiobiology	139	Ecology
26.0612	Toxicology	140	Hydrobiology
26.0613	Genetics, Plant and Animal	142	Embryology
26.0614	Biometrics	145	Endocrinology
26.0615	Biostatistics	148	Entomology
26.0616	Biotechnology Research	151	Biological Immunology
26.0617	Evolutionary Biology	154	Molecular Biology
26.0618	Biological Immunology	156	Microbiology and Bacteriology
26.0619	Virology	157	Microbiology
26.0699	Miscellaneous Biological Specializations, Other	160	Neuroscience
26.07	Zoology	163	Nutritional Sciences
26.99	Biological Sciences/Life Sciences, Other	166	Parasitology
30.10	Biopsychology	169	Toxicology
51.1303	Medical Biomathematics and Biometrics	170	Genetics, Human and Animal
51.1304	Medical Physics/Biophysics	171	Genetics
51.1305	Medical Cell Biology	175	Pathology, Human and Animal
51.1306	Medical Genetics	180	Pharmacology, Human and Animal
51.1309	Medical Molecular Biology	185	Physiology, Human and Animal
51.1310	Medical Neurobiology	186	Animal and Plant Physiology
51.1311	Medical Nutrition	189	Zoology, Other
		198	Biological Sciences, General
		199	Biological Sciences, Other
PSYCHOLOGY		**PSYCHOLOGY**	
42.01	Psychology, General	600	Clinical Psychology
42.02	Clinical Psychology	603	Cognitive Psychology and Psycholinguistics
42.03	Cognitive Psychology and Psycholinguistics	606	Comparative Psychology
42.04	Community Psychology	609	Counseling Psychology
42.06	Counseling Psychology	612	Developmental and Child Psychology
42.07	Developmental and Child Psychology	613	Human Indiv. & Family Development
42.08	Experimental Psychology	615	Experimental Psychology
42.09	Industrial and Organizational Psychology	616	Experimental, Comparative, and Physiological Psychology
42.11	Physiological Psychology/Psychobiology	618	Educational Psychology
42.16	Social Psychology	619	Human Engineering
42.99	Psychology, Other	620	Family and Marriage Counseling
51.2303	Hypnotherapy	621	Industrial and Organizational Psychology
51.2705	Psychoanalysis	624	Personality Psychology
		627	Physiological Psychology/Psychobiology
		630	Psychometrics
		633	Quantitative Psychology
		636	School Psychology
		639	Social Psychology
		648	Psychology, General
		649	Psychology, Other
		672	Human, Individual, and Family Development

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Current Classification Schemes for the Integrated Postsecondary Education Data System (IPEDS) Completions Survey and the Survey of Earned Doctorates

Fields of study from the IPEDS/ *Classification of Instructional Programs*		Fields of study from the Survey of Earned Doctorates classification	
SOCIAL SCIENCES		**SOCIAL SCIENCES**	
Economics		**Economics**	
01.0103	Agricultural Economics	000	Agricultural Economics
45.06	Economics	666	Economics
		668	Econometrics
Political Science		**Political Science**	
44.04	Public Administration	674	International Relations/Affairs
44.05	Public Policy Analysis	678	Political Science and Government
44.99	Public Administration and Services, Other	679	Political Science and Public Administration
45.09	International Relations and Affairs	682	Public Policy Analysis
45.10	Political Science and Government	976	Public Administration
Sociology		**Sociology**	
45.05	Demography and Population Studies	662	Demography and Population Studies
45.11	Sociology	686	Sociology
Other Social Sciences		**Other Social Sciences**	
05	Area, Ethnic, and Cultural Studies	650	Anthropology
16.0102	Linguistics	652	Area Studies
30.1101	Gerontology	658	Criminology
30.1501	Science, Technology, and Society	670	Geography
45.01	Social Sciences, General	690	Statistics
45.02	Anthropology	694	Urban Affairs/Studies
45.03	Archeology	698	Social Sciences, General
45.04	Criminology	699	Social Sciences, Other
45.07	Geography	710	History and Philosophy of Science and Technology
45.0804	History and Philosophy of Science and Technology	729	Linguistics
45.12	Urban Affairs/Studies	770	American Studies
45.99	Social Sciences and History, Other	773	Archeology
NON-S&E		**NON-S&E**	
		MEDICAL SCIENCES	
01	Agricultural Business and Production	205	Dentistry
04	Architecture and Related Programs	210	Environmental Health
08	Marketing Operations/Marketing and Distribution	215	Public Health
09	Communications	219	Public Health and Epidemiology
10	Communications Technologies	220	Epidemiology
12	Personal and Miscellaneous Services	225	Medicine and Surgery
13	Education	235	Optometry and Ophthalmology
15	Engineering-Related Technologies	240	Pharmacy
16	Foreign Languages and Literatures	250	Veterinary Science
17	Allied Health		
18	Health Professions and Related Sciences (Including Dentistry, Medicine, Optometry, Osteopathic Medicine, Pharmacy, Podiatry or Podiatric Medicine or Chiropody, Veterinary Medicine, Chiropractic, Allied Health)	**OTHER HEALTH SCIENCES**	
		200	Speech/Language Pathology and Audiology
		212	Health Systems/Services Administration
		224	Hospital Administration
19	Home Economics	230	Nursing
20	Vocational Home Economics	245	Rehabilitation/Therapeutic Services

Current Classification Schemes for the Integrated Postsecondary Education Data System (IPEDS) Completions Survey and the Survey of Earned Doctorates

Fields of study from the IPEDS/ *Classification of Instructional Programs*		Fields of study from the Survey of Earned Doctorates classification	
22	Law and Legal Studies	298	Health Sciences, General
23	English Language and Literature/Letters	299	Health Sciences, Other
24	Liberal/General Studies		
25	Library and Archival Sciences	**HISTORY**	
28	Reserve Officer Training Corps (ROTC)	700	History, American
29	Military Technologies	705	History, European
30	Multi-/Interdisciplinary Studies	718	History, General
31	Parks, Recreation, Leisure, and Fitness Studies	719	History, Other
38	Philosophy and Religion		
39	Theological Studies and Religious Vocations	**ENGLISH AND LITERATURE**	
41	Science Technologies	720	Classics
43	Protective Services	723	Comparative Literature
44	Public Administration and Services (Does not include Parks and Recreation Management, and Law Enforcement and Correction)	725	English and American Literature
		732	Literature, American
		733	Literature, English
		734	English Language
46	Construction Trades	736	Speech and Rhetorical Studies
47	Mechanics and Repairers	738	Letters, General
48	Precision Production Trades	739	Letters, Other
49	Transportation and Materials Moving Workers		
50	Visual and Performing Arts	**FOREIGN LANGUAGES**	
52	Business Management and Administrative Services	740	French
		743	German
		746	Italian
		749	Spanish
		752	Russian
		755	Slavic (Other than Russian)
		758	Chinese
		762	Japanese
		765	Hebrew
		768	Arabic
		769	Other Languages and Literature
		OTHER HUMANITIES	
		785	Philosophy (See also 440)
		798	Humanities, General
		799	Humanities, Other
		RELIGION AND THEOLOGY	
		790	Religion (See also 984)
		791	Religion and Theology
		984	Theology/Religious Education (See also 790)
		825	School Psychology (See also 636)
		830	Social/Philosophical Foundations of Education
		835	Special Education
		840	Counseling Education/ Counseling and Guidance Services
		845	Education Evaluation and Research
		850	Pre-elementary/Early Childhood Teacher Education
		852	Elementary Teacher Education

Current Classification Schemes for the Integrated Postsecondary Education Data System (IPEDS) Completions Survey and the Survey of Earned Doctorates

Fields of study from the IPEDS/ *Classification of Instructional Programs*		Fields of study from the Survey of Earned Doctorates classification
	854	Junior High Teacher Education
	856	Secondary Teacher Education
	858	Adult and Continuing Teacher Education
	861	Art Education
	862	Business Education
	864	English Education
	866	Foreign Languages Education
	867	Physical Education, Health, and Recreation
	870	Home Economics Education
	876	Music Education
	880	Physical Education and Coaching
	882	Reading Education
	886	Speech Education
	888	Trade and Industrial Education
	889	Teacher Education, Specific Academic and Vocational Programs, Other
	898	Education, General
	899	Education, Other
		BUSINESS AND MANAGEMENT
	002	Agricultural Business and Management
	900	Accounting
	905	Banking/Financial Support Services
	910	Business Administration and Management
	915	Business/Managerial Economics
	917	Management Information Systems/Business Data Processing
	920	Marketing Management and Research
	925	Business Statistics
	930	Operations Research (See also 363, 465)
	935	Organizational Behavior (See also 621)
	938	Business Management/ Administrative Services, General
	939	Business Management/ Administrative Services, Other
		INFORMATION FIELDS (JOURNALISM, BROADCASTING, LIBRARIANSHIP)
	940	Communications Research
	945	Journalism
	947	Mass Communications
	950	Radio and Television
	957	Communication Theory
	958	Communications, General
	959	Communications, Other
	972	Library Science
		LAW
	968	Law
		SOCIAL SERVICE PROFESSIONS
	980	Social Service Professions

Current Classification Schemes for the Integrated Postsecondary Education Data System (IPEDS) Completions Survey and the Survey of Earned Doctorates

Fields of study from the IPEDS/ *Classification of Instructional Programs*	Fields of study from the Survey of Earned Doctorates classification
	VOCATIONAL STUDIES AND HOME ECONOMICS
	964 Home Economics
	OTHER NON-SCIENCE FIELDS
	974 Parks/Recreation/Leisure/Fitness
	988 Professional Fields, General
	989 Professional Fields, Other
	999 Other Fields

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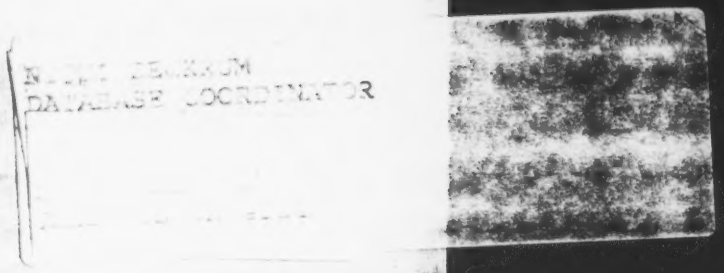

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